AIDA64 Extreme

Navigation

Version	AIDA64 v6.50.5800
Benchmark Module	4.5.859.8-x64
Homepage	http://www.aida64.com/
Report Type	Report Wizard [TRIAL VERSION]
Computer	TUNA
Generator	musta
Operating System	Microsoft Windows 11 Enterprise 10.0.22000.493 (Win11 RTM)
Date	2022-02-16
Time	22:07

Summary

Computer:

Computer Type	ACPI x64 tabanlý bilgisayar
Operating System	Microsoft Windows 11 Enterprise
OS Service Pack	[TRIAL VERSION]
Internet Explorer	11.1.22000.0
Edge	98.0.1108.50
DirectX	DirectX 12.0
Computer Name	TUNA
User Name	musta
Logon Domain	[TRIAL VERSION]
Date / Time	2022-02-16 / 22:07

Motherboard:

CPU Type	DualCore Intel Core i3-1005G1, 3400 MHz (34 x 100)
Motherboard Name	CASPER BILGISAYAR SISTEMLERI NL40LU2 001
Motherboard Chipset	Intel Ice Point-LP, Intel Ice Lake-U
System Memory	[TRIAL VERSION]
DIMM3: Crucial CT8G4SFRA266.M16FG	[TRIAL VERSION]
BIOS Type	Unknown (12/09/2020)

Display:

Video Adapter	Intel(R) UHD Graphics (1 GB)
Video Adapter	Intel(R) UHD Graphics (1 GB)
Video Adapter	Intel(R) UHD Graphics (1 GB)
Monitor	BOEhydis NV140FHM-N49 [14" LCD]

Multimedia:

Audio Adapter	Intel Ice Point HDMI @ Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)
Audio Adapter	Realtek ALC293 @ Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)

Storage:

IDE Controller	Realtek PCIE CardReader
Storage Controller	Intel(R) Chipset SATA/PCIe RST Premium Controller
Storage Controller	Microsoft Depolama Alanlarý Denetleyicisi
Disk Drive	KINGSTON SA400M8240G (240 GB, SATA-III)
SMART Hard Disks Status	OK

Partitions:

C: (NTFS)	[TRIAL VERSION]
Total Size	[TRIAL VERSION]

Input:

Keyboard	Standart PS/2 Klavye
Mouse	ÝAC uyumlu fare
Mouse	PS/2 Uyumlu Fare

Network:

Primary IP Address	[TRIAL VERSION]
Primary MAC Address	A4-B1-C1-54-58-D5

Network Adapter	Intel(R) Wireless-AC 9462 (192. [TRIAL VERSION])
Network Adapter	Microsoft Wi-Fi Direct Virtual Adapter #2
Network Adapter	Microsoft Wi-Fi Direct Virtual Adapter
Network Adapter	Realtek(R) PCI(e) Ethernet Controller

Peripherals:

Printer	Fax
Printer	Microsoft Print to PDF
Printer	Microsoft XPS Document Writer
USB3 Controller	Intel Ice Point-LP PCH - USB 3.1 xHCI Host Controller
USB Device	BisonCam,NB Pro
USB Device	Intel(R) Wireless Bluetooth(R)
USB Device	USB Bileþik Aygýt
Battery	Microsoft AC Baðdaþtýrýcýsý
Battery	Microsoft ACPI Uyumlu Denetim Yöntemi Pili

DMI:

DMI BIOS Vendor	INSYDE Corp.
DMI BIOS Version	1.07.04RCA3
DMI System Manufacturer	CASPER BILGISAYAR SISTEMLERI
DMI System Product	NIRVANA NB X400
DMI System Version	Not Applicable
DMI System Serial Number	[TRIAL VERSION]
DMI System UUID	[TRIAL VERSION]
DMI Motherboard Manufacturer	CASPER BILGISAYAR SISTEMLERI
DMI Motherboard Product	NL40LU2 001
DMI Motherboard Version	Not Applicable
DMI Motherboard Serial Number	[TRIAL VERSION]
DMI Chassis Manufacturer	CASPER BILGISAYAR SISTEMLERI
DMI Chassis Version	N/A
DMI Chassis Serial Number	[TRIAL VERSION]
DMI Chassis Asset Tag	[TRIAL VERSION]
DMI Chassis Type	Notebook

DMI

[BIOS]

BIOS Properties:

Vendor	INSYDE Corp.
Version	1.07.04RCA3
Release Date	12/09/2020
Size	11 MB
System BIOS Version	7.4
Embedded Controller Firmware Version	7.3
Boot Devices	Floppy Disk, Hard Disk, CD-ROM
Capabilities	Flash BIOS, Shadow BIOS, Selectable Boot, EDD, BBS
Supported Standards	DMI, ACPI, UEFI
Expansion Capabilities	PCI, USB
Virtual Machine	No

BIOS Manufacturer:

Company Name	Insyde Software Corp.
Product Information	http://www.insydesw.com/products
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates

[System]

System Properties:

Manufacturer	CASPER BILGISAYAR SISTEMLERI
Product	NIRVANA NB X400
Version	Not Applicable
Serial Number	[TRIAL VERSION]
SKU#	NIRVANA NB X400 NL40LU2
Family	NIRVANA NB

Universal Unique ID	[TRIAL VERSION]
Universal Unique ID (GUID)	[TRIAL VERSION]
Wake-Up Type	Power Switch

[Motherboard]

Motherboard Properties:

Manufacturer	CASPER BILGISAYAR SISTEMLERI
Product	NL40LU2 001
Version	Not Applicable
Serial Number	[TRIAL VERSION]
Asset Tag	[TRIAL VERSION]
Asset Tag	[TRIAL VERSION]
Asset Tag	[TRIAL VERSION]

[Chassis]

Chassis Properties:

Manufacturer	CASPER BILGISAYAR SISTEMLERI
Version	N/A
Serial Number	[TRIAL VERSION]
Asset Tag	[TRIAL VERSION]
Chassis Type	Notebook
Boot-Up State	Safe
Power Supply State	Safe
Thermal State	Safe
Security Status	None

[Processors / Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz]

Processor Properties:

Manufacturer	Intel(R) Corporation
Version	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
Serial Number	To Be Filled By O.E.M.
Asset Tag	To Be Filled By O.E.M.
Part Number	To Be Filled By O.E.M.
External Clock	100 MHz
Maximum Clock	8300 MHz
Current Clock	1200 MHz
Type	Central Processor
Voltage	0.7 V
Status	Enabled
Socket Designation	U3E1
HTT / CMP Units	2 / 2
Capabilities	64-bit, Multi-Core, Multiple Hardware Threads, Execute Protection, Enhanced Virtualization, Power/Performance Control

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	https://ark.intel.com/content/www/us/en/ark/search.html?q=Intel%20Core%20i3-1005G1
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Caches / L1 Cache]

Cache Properties:

Type	Data
Status	Enabled
Operational Mode	Write-Back
Associativity	12-way Set-Associative
Maximum Size	0 MB
Installed Size	0 MB
Supported SRAM Type	Synchronous
Current SRAM Type	Synchronous
Error Correction	Parity
Socket Designation	L1 Cache

[Caches / L1 Cache]

Cache Properties:

Type	Instruction
Status	Enabled
Operational Mode	Write-Back
Associativity	8-way Set-Associative
Maximum Size	0 MB
Installed Size	0 MB
Supported SRAM Type	Synchronous
Current SRAM Type	Synchronous
Error Correction	Parity
Socket Designation	L1 Cache

[Caches / L2 Cache]

Cache Properties:

Type	Unified
Status	Enabled
Operational Mode	Write-Back
Associativity	8-way Set-Associative
Maximum Size	0 MB
Installed Size	0 MB
Supported SRAM Type	Synchronous
Current SRAM Type	Synchronous
Error Correction	Single-bit ECC
Socket Designation	L2 Cache

[Caches / L3 Cache]

Cache Properties:

Type	Unified
Status	Enabled
Operational Mode	Write-Back
Associativity	16-way Set-Associative
Maximum Size	0 MB
Installed Size	0 MB
Supported SRAM Type	Synchronous
Current SRAM Type	Synchronous
Error Correction	Multi-bit ECC
Socket Designation	L3 Cache

[Memory Arrays / System Memory]

Memory Array Properties:

Location	Motherboard
Memory Array Function	System Memory
Error Correction	None
Max. Memory Capacity	32 GB
Memory Devices	2

[Memory Devices / ChannelA-DIMM0]

Memory Device Properties:

Device Locator	ChannelA-DIMM0
Bank Locator	BANK 0

[Memory Devices / ChannelB-DIMM0]

Memory Device Properties:

Form Factor	SODIMM
Type	DDR4
Type Detail	Synchronous
Size	8 GB
Max. Clock Speed	2667 MT/s
Current Clock Speed	2667 MT/s

Total Width	64-bit
Data Width	64-bit
Ranks	2
Min. Voltage	1.250 V
Max. Voltage	1.250 V
Current Voltage	1.200 V
Device Locator	ChannelB-DIMM0
Bank Locator	BANK 2
Manufacturer	859B
Serial Number	E46D15E6
Asset Tag	9876543210
Part Number	CT8G4SFRA266.M16FG
Memory Technology	DRAM
Memory Operating Modes	Volatile Memory
Module Manufacturer ID	9B85h
Volatile Size	8 GB

[System Slots / J_WLAN1]

System Slot Properties:

Slot Designation	J_WLAN1
Type	PCI-E x1
Usage	In Use
Data Bus Width	x1
ID	1

[System Slots / J_SSD1]

System Slot Properties:

Slot Designation	J_SSD1
Type	PCI-E x4
Usage	Available
Data Bus Width	x4
ID	2

[System Slots / J_SSD2]

System Slot Properties:

Slot Designation	J_SSD2
Type	PCI-E x4
Usage	Available
Data Bus Width	x4
ID	3

[Port Connectors / HDMI]

Port Connector Properties:

Port Type	Video Port
Internal Reference Designator	J_HDMI1
Internal Connector Type	None
External Reference Designator	HDMI

[Port Connectors / CRT]

Port Connector Properties:

Port Type	Video Port
Internal Reference Designator	J_CRT1
Internal Connector Type	None
External Reference Designator	CRT

[Port Connectors / MIC]

Port Connector Properties:

Port Type	Audio Port
Internal Reference Designator	AJ_MIC1
Internal Connector Type	None

External Reference Designator	MIC

[Port Connectors / HP]

Port Connector Properties:

Port Type	Audio Port
Internal Reference Designator	AJ_HP_COMBO2
Internal Connector Type	None
External Reference Designator	HP

[Port Connectors / Card Reader]

Port Connector Properties:

Internal Reference Designator	J_CARD-REV1
Internal Connector Type	None
External Reference Designator	Card Reader

[Port Connectors / Giga Lan]

Port Connector Properties:

Port Type	Network Port
Internal Reference Designator	J_RJ1
Internal Connector Type	None
External Reference Designator	Giga Lan
External Connector Type	RJ-45

[Port Connectors / USB Type C]

Port Connector Properties:

Port Type	USB
Internal Reference Designator	J_TYPEC1
Internal Connector Type	None
External Reference Designator	USB Type C
External Connector Type	USB

[Port Connectors / USB 3]

Port Connector Properties:

Port Type	USB
Internal Reference Designator	J_USB1
Internal Connector Type	None
External Reference Designator	USB 3
External Connector Type	USB

[Port Connectors / USB 2]

Port Connector Properties:

Port Type	USB
Internal Reference Designator	J_AUD1
Internal Connector Type	None
External Reference Designator	USB 2
External Connector Type	USB

[Port Connectors / USB 2]

Port Connector Properties:

Port Type	USB
Internal Reference Designator	J_FP1
Internal Connector Type	None
External Reference Designator	USB 2
External Connector Type	USB

[On-Board Devices / HD-Audio]

On-Board Device Properties:

Description	HD-Audio
Type	Sound
Status	Enabled

[On-Board Devices / Giga Lan]

On-Board Device Properties:

Description	Giga Lan
Type	Ethernet
Status	Enabled

[TPM Device]

TPM Device:

Vendor ID	INTC
TPM Version	2.0
Description	TPM 2.0, ManufacturerID: INTC, Firmware Version: 0x01F40005.0x0
Family Configurable via Firmware Update	Not Supported
Family Configurable via Platform Software Support	Not Supported
Family Configurable via OEM Proprietary Mechanism	Not Supported

[Miscellaneous]

Miscellaneous:

OEM String	1558
OEM String	OEM String
OEM String	Default string
OEM String	Default string
OEM String	BIOS:1.07.04RCA3
System Configuration Option	ConfigOptions1
System Configuration Option	ConfigOptions2
System Configuration Option	ConfigOptions3

Overclock

CPU Properties:

CPU Type	DualCore Intel Core i3-1005G1
CPU Alias	Ice Lake-U
CPU Stepping	D1
Engineering Sample	No
CPUID CPU Name	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
CPUID Revision	000706E5h
CPU VID	0.7150 V

CPU Speed:

CPU Clock	1695.9 MHz (original: [TRIAL VERSION] MHz, overclock: 41%)
CPU Multiplier	17x
CPU FSB	99.8 MHz (original: 100 MHz)
North Bridge Clock	1296.8 MHz
System Agent Clock	798.0 MHz
Memory Bus	1330.1 MHz
DRAM:FSB Ratio	40:3

CPU Cache:

L1 Code Cache	32 KB per core
L1 Data Cache	[TRIAL VERSION]
L2 Cache	512 KB per core (On-Die, ECC, Full-Speed)
L3 Cache	4 MB (On-Die, ECC, Full-Speed)

Motherboard Properties:

Motherboard ID	<DMI>
Motherboard Name	CASPER BILGISAYAR SISTEMLERI NL40LU2 001

Chipset Properties:

Motherboard Chipset	Intel Ice Point-LP, Intel Ice Lake-U
Memory Timings	19-19-19-43 (CL-RCD-RP-RAS)
Command Rate (CR)	[TRIAL VERSION]
DIMM3: Crucial CT8G4SFRA266.M16FG	[TRIAL VERSION]

BIOS Properties:

System BIOS Date	12/09/2020
Video BIOS Date	Unknown
DMI BIOS Version	1.07.04RCA3

Power Management

Power Management Properties:

Current Power Source	AC Line
Battery Status	100 % (High Level)
Full Battery Lifetime	Unknown
Remaining Battery Lifetime	Unknown

Battery Properties:

Device Name	BAT
Manufacturer	Notebook
Serial Number	0001
Unique ID	0001NotebookBAT
Battery Type	Rechargeable Li-Ion
Designed Capacity	36195 mWh
Fully Charged Capacity	35614 mWh
Current Capacity	35614 mWh (100 %)
Battery Voltage	12.769 V
Wear Level	1 %
Power State	AC Line

Portable Computer

Centrino (Carmel) Platform Compliancy:

CPU: Intel Pentium M (Banias/Dothan)	No (Intel Core i3-1005G1)
Chipset: Intel i855GM/PM	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel PRO/Wireless	No
System: Centrino Compliant	No

Centrino (Sonoma) Platform Compliancy:

CPU: Intel Pentium M (Dothan)	No (Intel Core i3-1005G1)
Chipset: Intel i915GM/PM	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel PRO/Wireless 2200/2915	No
System: Centrino Compliant	No

Centrino (Napa) Platform Compliancy:

CPU: Intel Core (Yonah) / Core 2 (Merom)	No (Intel Core i3-1005G1)
Chipset: Intel i945GM/PM	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel PRO/Wireless 3945/3965	No
System: Centrino Compliant	No

Centrino (Santa Rosa) Platform Compliancy:

CPU: Intel Core 2 (Merom/Penryn)	No (Intel Core i3-1005G1)
Chipset: Intel GM965/PM965	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel Wireless WiFi Link 4965	No
System: Centrino Compliant	No

Centrino 2 (Montevina) Platform Compliancy:

CPU: Intel Core 2 (Penryn)	No (Intel Core i3-1005G1)
Chipset: Mobile Intel 4 Series	No (Intel Ice Point-LP, Intel Ice Lake-U)

WLAN: Intel WiFi Link 5000 Series	No
System: Centrino 2 Compliant	No

Centrino (Calpella) Platform Compliancy:

CPU: Intel Core i3/i5/i7 (Arrandale/Clarksfield)	No (Intel Core i3-1005G1)
Chipset: Mobile Intel 5 Series	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel Centrino Advanced-N / Ultimate-N / Wireless-N	No
System: Centrino Compliant	No

Centrino (Huron River) Platform Compliancy:

CPU: Intel Core i3/i5/i7 (Sandy Bridge-MB)	No (Intel Core i3-1005G1)
Chipset: Mobile Intel 6 Series	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel Centrino Advanced-N / Ultimate-N / Wireless-N	No
System: Centrino Compliant	No

Centrino (Chief River) Platform Compliancy:

CPU: Intel Core i3/i5/i7 (Ivy Bridge-MB)	No (Intel Core i3-1005G1)
Chipset: Mobile Intel 7 Series	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel Centrino Advanced-N / Ultimate-N / Wireless-N	No
System: Centrino Compliant	No

Centrino (Shark Bay-MB) Platform Compliancy:

CPU: Intel Core i3/i5/i7 (Haswell-MB)	No (Intel Core i3-1005G1)
Chipset: Mobile Intel 8/9 Series	No (Intel Ice Point-LP, Intel Ice Lake-U)
WLAN: Intel Centrino Advanced-N / Ultimate-N / Wireless-N	No
System: Centrino Compliant	No

Sensor

Sensor Properties:

Sensor Type	CPU, HDD, ACPI, SNB

Temperatures:

CPU	54 °C
CPU Package	49 °C
CPU IA Cores	49 °C
CPU GT Cores	49 °C
CPU #1 / Core #1	48 °C
CPU #1 / Core #2	48 °C
KINGSTON SA400M8240G	[TRIAL VERSION]

Voltage Values:

CPU Core	0.727 V
CPU VID	0.727 V
Battery	12.770 V

Power Values:

CPU Package	8.44 W
CPU IA Cores	7.50 W
CPU GT Cores	[TRIAL VERSION]
CPU Uncore	0.94 W
Battery Charge Rate	AC Line

CPU

CPU Properties:

CPU Type	DualCore Intel Core i3-1005G1, 3400 MHz (34 x 100)
CPU Alias	Ice Lake-U
CPU Stepping	D1
Instruction Set	x86, x86-64, MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, AVX, AVX2, AVX-512, FMA, AES, SHA
Original Clock	[TRIAL VERSION]
Min / Max CPU Multiplier	4x / 12x

Engineering Sample	No
L1 Code Cache	32 KB per core
L1 Data Cache	[TRIAL VERSION]
L2 Cache	512 KB per core (On-Die, ECC, Full-Speed)
L3 Cache	4 MB (On-Die, ECC, Full-Speed)

CPU Physical Info:

Package Type	1526 Ball BGA
Package Size	50 mm x 25 mm
Process Technology	10 nm, CMOS, Cu, High-K + Metal Gate
Die Size	[TRIAL VERSION]
PCH: Die Size	[TRIAL VERSION]
Typical Power	15 W

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	https://ark.intel.com/content/www/us/en/ark/search.html?q=Intel%20Core%20i3-1005G1
Driver Update	http://www.aida64.com/goto/?p=drvupdates

Multi CPU:

CPU #1	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz, 1190 MHz
CPU #2	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz, 1190 MHz
CPU #3	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz, 1190 MHz
CPU #4	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz, 1190 MHz

CPU Utilization:

CPU #1 / Core #1 / SMT Unit #1	0%
CPU #1 / Core #1 / SMT Unit #2	0%
CPU #1 / Core #2 / SMT Unit #1	0%
CPU #1 / Core #2 / SMT Unit #2	0%

CPUID

CPUID Properties:

CPUID Manufacturer	GenuineIntel
CPUID CPU Name	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
CPUID Revision	000706E5h
IA Brand ID	00h (Unknown)
Platform ID	44h / MC 80h (FCBGA1526)
Microcode Update Revision	A0h
SMT / CMP Units	2 / 2
Tjmax Temperature	100 °C (212 °F)
CPU Thermal Design Power (TDP)	15 W
CPU Thermal Design Current (TDC)	70 A
CPU Max Power Limit	Unlimited Power / Unlimited Time
CPU Power Limit 1 (Long Duration)	30 W / 32.00 sec (Unlocked)
CPU Power Limit 2 (Short Duration)	61 W / 2.44 ms (Unlocked)
Max Turbo Boost Multipliers	1C: 34x, 2C: 34x

Instruction Set:

64-bit x86 Extension (AMD64, Intel64)	Supported
AMD 3DNow!	Not Supported
AMD 3DNow! Professional	Not Supported
AMD 3DNowPrefetch	Supported
AMD Enhanced 3DNow!	Not Supported
AMD Extended MMX	Not Supported
AMD FMA4	Not Supported
AMD MisAligned SSE	Not Supported
AMD SSE4A	Not Supported
AMD XOP	Not Supported
Cyrix Extended MMX	Not Supported
Enhanced REP MOVSB/STOSB	Supported
Enqueue Stores	Not Supported
Galois Field New Instructions (GFNI)	Supported

Float-16 Conversion Instructions	Supported, Enabled
IA-64	Not Supported
IA AES Extensions	Supported
IA AMX-BF16	Not Supported
IA AMX-INT8	Not Supported
IA AMX Tile Architecture (AMX-TILE)	Not Supported
IA AVX	Supported, Enabled
IA AVX2	Supported, Enabled
IA AVX-512 (AVX512F)	Supported, Enabled
IA AVX-512 4x Fused Multiply-Add Single Precision (AVX512_4FMAPS)	Not Supported
IA AVX-512 4x Neural Network Instructions (AVX512_4VNNIW)	Not Supported
IA AVX-512 52-bit Integer Multiply-Add Instructions (AVX512_IFMA)	Supported, Enabled
IA AVX-512 BF16 (AVX512_BF16)	Not Supported
IA AVX-512 Bit Algorithm (AVX512_BITALG)	Supported, Enabled
IA AVX-512 Byte and Word Instructions (AVX512BW)	Supported, Enabled
IA AVX-512 Conflict Detection Instructions (AVX512CD)	Supported, Enabled
IA AVX-512 Doubleword and Quadword Instructions (AVX512DQ)	Supported, Enabled
IA AVX-512 Exponential and Reciprocal Instructions (AVX512ER)	Not Supported
IA AVX-512 FP16 (AVX512_FP16)	Not Supported
IA AVX-512 Intersection (AVX512_VP2INTERSECT)	Not Supported
IA AVX-512 Neural Network Instructions (AVX512_VNNI)	Supported, Enabled
IA AVX-512 Prefetch Instructions (AVX512PF)	Not Supported
IA AVX-512 Vector Bit Manipulation Instructions (AVX512_VBMI)	Supported, Enabled
IA AVX-512 Vector Bit Manipulation Instructions 2 (AVX512_VBMI2)	Supported, Enabled
IA AVX-512 Vector Length Extensions (AVX512VL)	Supported, Enabled
IA AVX-512 VPOPCNTDQ	Supported, Enabled
IA AVX Vector Neural Network Instructions (AVX-VNNI)	Not Supported
IA BMI1	Supported
IA BMI2	Supported
IA FMA	Supported, Enabled
IA MMX	Supported
IA SHA Extensions	Supported
IA SSE	Supported
IA SSE2	Supported
IA SSE3	Supported
IA Supplemental SSE3	Supported
IA SSE4.1	Supported
IA SSE4.2	Supported
Vector AES (VAES)	Supported, Enabled
VIA Alternate Instruction Set	Not Supported
ADCX / ADOX Instruction	Supported
CLDEMOTE Instruction	Not Supported
CLFLUSH Instruction	Supported
CLFLUSHOPT Instruction	Supported
CLWB Instruction	Not Supported
CLZERO Instruction	Not Supported
CMPXCHG8B Instruction	Supported
CMPXCHG16B Instruction	Supported
Conditional Move Instruction	Supported
Fast Short CMPSB & SCASB Instruction	Not Supported
Fast Short REP MOV Instruction	Supported
Fast Short STOSB Instruction	Not Supported
Fast Zero-Length MOVSB Instruction	Not Supported
HRESET Instruction	Not Supported
INVLPGB Instruction	Not Supported
INVPCID Instruction	Supported
LAHF / SAHF Instruction	Supported
LZCNT Instruction	Supported
MCOMMIT Instruction	Not Supported
MONITOR / MWAIT Instruction	Supported
MONITORX / MWAITX Instruction	Not Supported
MOVBE Instruction	Supported
MOVDIR64B Instruction	Not Supported
MOVDIRI Instruction	Not Supported
PCLMULQDQ Instruction	Supported
PCOMMIT Instruction	Not Supported
PCONFIG Instruction	Not Supported
POPCNT Instruction	Supported

PREFETCHWT1 Instruction	Not Supported
PTWRITE Instruction	Not Supported
RDFSBASE / RDGSBASE / WRFSBASE / WRGSBASE Instruction	Supported
RDPRU Instruction	Not Supported
RDRAND Instruction	Supported
RDSEED Instruction	Supported
RDTSCP Instruction	Supported
SKINIT / STGI Instruction	Not Supported
SYSCALL / SYSRET Instruction	Not Supported
SYSENTER / SYSEXIT Instruction	Supported
Trailing Bit Manipulation Instructions	Not Supported
VIA FEMMS Instruction	Not Supported
VPCLMULQDQ Instruction	Supported
WBNOINVD Instruction	Not Supported

Security Features:

Advanced Cryptography Engine (ACE)	Not Supported
Advanced Cryptography Engine 2 (ACE2)	Not Supported
Control-flow Enforcement Technology - Indirect Branch Tracking (CET_IBT)	Not Supported
Control-flow Enforcement Technology - Shadow Stack (CET_SS)	Not Supported
Data Execution Prevention (DEP, NX, EDB)	Supported
Enhanced Indirect Branch Restricted Speculation	Supported
Hardware Random Number Generator (RNG)	Not Supported
Hardware Random Number Generator 2 (RNG2)	Not Supported
Indirect Branch Predictor Barrier (IBPB)	Supported
Indirect Branch Restricted Speculation (IBRS)	Supported
Key Locker	Not Supported
L1D Flush	Supported
MD_CLEAR	Supported
Memory Protection Extensions (MPX)	Not Supported
PadLock Hash Engine (PHE)	Not Supported
PadLock Hash Engine 2 (PHE2)	Not Supported
PadLock Montgomery Multiplier (PMM)	Not Supported
PadLock Montgomery Multiplier 2 (PMM2)	Not Supported
Processor Serial Number (PSN)	Not Supported
Protection Keys for Supervisor-Mode Pages (PKS)	Not Supported
Protection Keys for User-Mode Pages (PKU)	Supported, Disabled
Read Processor ID (RDPID)	Supported
Rogue Data Cache Load (RDCL)	Not Susceptible
Safer Mode Extensions (SMX)	Not Supported
Secure Memory Encryption (SME)	Not Supported
SGX Launch Configuration (SGX_LC)	Supported
Software Guard Extensions (SGX)	Supported
Single Thread Indirect Branch Predictors (STIBP)	Supported
Speculative Store Bypass Disable (SSBD)	Supported
SRBDS_CTRL	Not Supported
Supervisor Mode Access Prevention (SMAP)	Supported
Supervisor Mode Execution Protection (SMEP)	Supported
Total Memory Encryption (TME)	Not Supported
User-Mode Instruction Prevention (UMIP)	Supported

Power Management Features:

APM Power Reporting	Not Supported
Application Power Management (APM)	Not Supported
Automatic Clock Control	Supported
Configurable TDP (cTDP)	Not Supported
Connected Standby	Not Supported
Core C6 State (CC6)	Not Supported
Digital Thermometer	Supported
Dynamic FSB Frequency Switching	Not Supported
Enhanced Halt State (C1E)	Supported, Enabled
Enhanced SpeedStep Technology (EIST, ESS)	Supported, Enabled
Frequency ID Control	Not Supported
Hardware P-State Control	Not Supported
Hardware Thermal Control (HTC)	Not Supported
LongRun	Not Supported

LongRun Table Interface	Not Supported
Overstress	Not Supported
Package C6 State (PC6)	Not Supported
Parallax	Not Supported
PowerSaver 1.0	Not Supported
PowerSaver 2.0	Not Supported
PowerSaver 3.0	Not Supported
Processor Duty Cycle Control	Supported
Running Average Power Limit (RAPL)	Not Supported
Software Thermal Control	Not Supported
SpeedShift (SST, HWP)	Supported, Enabled (Autonomous Mode)
Temperature Sensing Diode	Not Supported
Thermal Monitor 1	Supported
Thermal Monitor 2	Supported
Thermal Monitor 3	Not Supported
Thermal Monitoring	Not Supported
Thermal Trip	Not Supported
Voltage ID Control	Not Supported

Virtualization Features:

AMD Virtual Interrupt Controller (AVIC)	Not Supported
Decode Assists	Not Supported
Encrypted Microcode Patch	Not Supported
Encrypted State (SEV-ES)	Not Supported
Extended Page Table (EPT)	Supported
Flush by ASID	Not Supported
Guest Mode Execute Trap Extension (GMET)	Not Supported
Hypervisor	Not Present
INVEPT Instruction	Supported
INVVPID Instruction	Supported
LBR Virtualization	Not Supported
Memory Bandwidth Enforcement (MBE)	Not Supported
Nested Paging (NPT, RVI)	Not Supported
NRIP Save (NRIPS)	Not Supported
PAUSE Filter Threshold	Not Supported
PAUSE Intercept Filter	Not Supported
Secure Encrypted Virtualization (SEV)	Not Supported
Secure Virtual Machine (SVM, Pacifica)	Not Supported
SVM Lock (SVML)	Not Supported
Virtual Transparent Encryption (VTE)	Not Supported
Virtualized GIF (vGIF)	Not Supported
Virtualized VMLOAD and VMSAVE	Not Supported
Virtual Machine Extensions (VMX, Vanderpool)	Supported
Virtual Processor ID (VPID)	Supported
VMCB Clean Bits	Not Supported

CPUID Features:

1 GB Page Size	Supported
36-bit Page Size Extension	Supported
5-Level Paging	Not Supported
64-bit DS Area	Supported
Adaptive Overclocking	Not Supported
Address Region Registers (ARR)	Not Supported
Code and Data Prioritization Technology (CDP)	Not Supported
Core Performance Boost (CPB)	Not Supported
Core Performance Counters	Not Supported
CPL Qualified Debug Store	Supported
Data Breakpoint Extension	Not Supported
Debug Trace Store	Supported
Debugging Extension	Supported
Deprecated FPU CS and FPU DS	Supported
Direct Cache Access	Not Supported
Dynamic Acceleration Technology (IDA)	Not Supported
Dynamic Configurable TDP (DcTDP)	Not Supported
Enhanced Hardware Feedback Interface (EHFI)	Not Supported
Extended APIC Register Space	Not Supported
Fast Save & Restore	Supported

Hardware Feedback Interface (HFI)	Not Supported
Hardware Lock Elision (HLE)	Not Supported
Hybrid Boost	Not Supported
Hybrid CPU	Not Supported
Hyper-Threading Technology (HTT)	Supported, Enabled
Instruction Based Sampling	Not Supported
Invariant Time Stamp Counter	Supported
L1 Context ID	Not Supported
L2I Performance Counters	Not Supported
Lightweight Profiling	Not Supported
Local APIC On Chip	Supported
Machine Check Architecture (MCA)	Supported
Machine Check Exception (MCE)	Supported
Memory Configuration Registers (MCR)	Not Supported
Memory Protection Range Registers (MPRR)	Not Supported
Memory Type Range Registers (MTRR)	Supported
Model Specific Registers (MSR)	Supported
NB Performance Counters	Not Supported
Page Attribute Table (PAT)	Supported
Page Global Extension	Supported
Page Size Extension (PSE)	Supported
Pending Break Event (PBE)	Supported
Performance Time Stamp Counter (PTSC)	Not Supported
Physical Address Extension (PAE)	Supported
Process Context Identifiers (PCID)	Supported
Processor Feedback Interface	Not Supported
Processor Trace (PT)	Supported
Resource Director Technology Allocation (RDT-A)	Not Supported
Resource Director Technology Monitoring (RDT-M)	Not Supported
Restricted Transactional Memory (RTM)	Not Supported
Self-Snoop	Supported
Time Stamp Counter (TSC)	Supported
Time Stamp Counter Adjust	Supported
TSX Suspend Load Address Tracking	Not Supported
Turbo Boost	Supported, Enabled
Turbo Boost Max 3.0	Not Supported
User Interrupts (UINTR)	Not Supported
Virtual Mode Extension	Supported
Watchdog Timer	Not Supported
x2APIC	Supported, Disabled
XGETBV / XSETBV OS Enabled	Supported
XSAVE / XRSTOR / XSETBV / XGETBV Extended States	Supported
XSAVEOPT	Supported

CPUID Registers (CPU #0):

CPUID 00000000	0000001B-756E6547-6C65746E-49656E69 [GenuineIntel]
CPUID 00000001	000706E5-00100800-7FFAFBBF-BFEBFBFF
CPUID 00000002	00FEFF01-000000F0-00000000-00000000
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-02C0003F-0000003F-00000000 [SL 00]
CPUID 00000004	1C004122-01C0003F-0000003F-00000000 [SL 01]
CPUID 00000004	1C004143-01C0003F-000003FF-00000000 [SL 02]
CPUID 00000004	1C03C163-03C0003F-00000FFF-00000006 [SL 03]
CPUID 00000005	00000040-00000040-00000003-11121020
CPUID 00000006	0017AFF7-00000002-00000009-00000000
CPUID 00000007	00000000-F2BF27EF-40405F4E-BC000410 [SL 00]
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	08300805-00000000-0000000F-00008604
CPUID 0000000B	00000001-00000002-00000100-00000000 [SL 00]
CPUID 0000000B	00000004-00000004-00000201-00000000 [SL 01]
CPUID 0000000C	00000000-00000000-00000000-00000000
CPUID 0000000D	000002E7-00000A80-00000A88-00000000 [SL 00]
CPUID 0000000D	0000000F-00000A00-00002100-00000000 [SL 01]
CPUID 0000000D	00000100-00000240-00000000-00000000 [SL 02]
CPUID 0000000D	00000040-00000440-00000000-00000000 [SL 05]

CPUID 0000000D	00000200-00000480-00000000-00000000 [SL 06]
CPUID 0000000D	00000400-00000680-00000000-00000000 [SL 07]
CPUID 0000000D	00000080-00000000-00000001-00000000 [SL 08]
CPUID 0000000D	00000008-00000A80-00000000-00000000 [SL 09]
CPUID 0000000D	00000008-00000000-00000001-00000000 [SL 0D]
CPUID 0000000E	00000000-00000000-00000000-00000000
CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 00]
CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000011	00000000-00000000-00000000-00000000
CPUID 00000012	00000063-00000001-00000000-00002F1F [SL 00]
CPUID 00000012	000000B6-00000000-000002E7-00000000 [SL 01]
CPUID 00000012	60180001-00000000-0BC00001-00000000 [SL 02]
CPUID 00000013	00000000-00000000-00000000-00000000
CPUID 00000014	00000001-0000000F-00000007-00000000 [SL 00]
CPUID 00000014	02490002-003F1FFF-00000000-00000000 [SL 01]
CPUID 00000015	00000002-0000003E-0249F000-00000000 [31.00x / 38400000]
CPUID 00000016	000004B0-00000D48-00000064-00000000 [1200 / 3400 / 100]
CPUID 00000017	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000007-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000000-00080007-00000001-00004122 [SL 01]
CPUID 00000018	00000000-0010000F-00000001-00004125 [SL 02]
CPUID 00000018	00000000-00040001-00000010-00004024 [SL 03]
CPUID 00000018	00000000-00040006-00000008-00004024 [SL 04]
CPUID 00000018	00000000-00080008-00000001-00004124 [SL 05]
CPUID 00000018	00000000-00080007-00000080-00004043 [SL 06]
CPUID 00000018	00000000-00080009-00000080-00004043 [SL 07]
CPUID 00000019	00000000-00000000-00000000-00000000
CPUID 0000001A	00000000-00000000-00000000-00000000 [Unknown]
CPUID 0000001B	00000000-00000000-00000000-00000000
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000121-2C100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865 [Intel(R) Core(TM]
CPUID 80000003	33692029-3030312D-20314735-20555043 [) i3-1005G1 CPU]
CPUID 80000004	2E312040-48473032-0000007A-00000000 [@ 1.20GHz]
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003027-00000000-00000000-00000000

CPUID Registers (CPU #1 Virtual):

CPUID 00000000	0000001B-756E6547-6C65746E-49656E69 [GenuineIntel]
CPUID 00000001	000706E5-01100800-7FFAFBBF-BFEBFBFF
CPUID 00000002	00FEFF01-000000F0-00000000-00000000
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-02C0003F-0000003F-00000000 [SL 00]
CPUID 00000004	1C004122-01C0003F-0000003F-00000000 [SL 01]
CPUID 00000004	1C004143-01C0003F-000003FF-00000000 [SL 02]
CPUID 00000004	1C03C163-03C0003F-00000FFF-00000006 [SL 03]
CPUID 00000005	00000040-00000040-00000003-11121020
CPUID 00000006	0017AFF7-00000002-00000009-00000000
CPUID 00000007	00000000-F2BF27EF-40405F4E-BC000410 [SL 00]
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	08300805-00000000-0000000F-00008604
CPUID 0000000B	00000001-00000002-00000100-00000001 [SL 00]
CPUID 0000000B	00000004-00000004-00000201-00000001 [SL 01]
CPUID 0000000C	00000000-00000000-00000000-00000000
CPUID 0000000D	000002E7-00000A80-00000A88-00000000 [SL 00]
CPUID 0000000D	0000000F-00000A00-00002100-00000000 [SL 01]
CPUID 0000000D	00000100-00000240-00000000-00000000 [SL 02]
CPUID 0000000D	00000040-00000440-00000000-00000000 [SL 05]
CPUID 0000000D	00000200-00000480-00000000-00000000 [SL 06]
CPUID 0000000D	00000400-00000680-00000000-00000000 [SL 07]
CPUID 0000000D	00000080-00000000-00000001-00000000 [SL 08]

CPUID 0000000D	00000008-00000A80-00000000-00000000 [SL 09]
CPUID 0000000D	00000008-00000000-00000001-00000000 [SL 0D]
CPUID 0000000E	00000000-00000000-00000000-00000000
CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 00]
CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000011	00000000-00000000-00000000-00000000
CPUID 00000012	00000063-00000001-00000000-00002F1F [SL 00]
CPUID 00000012	000000B6-00000000-000002E7-00000000 [SL 01]
CPUID 00000012	60180001-00000000-0BC00001-00000000 [SL 02]
CPUID 00000013	00000000-00000000-00000000-00000000
CPUID 00000014	00000001-0000000F-00000007-00000000 [SL 00]
CPUID 00000014	02490002-003F1FFF-00000000-00000000 [SL 01]
CPUID 00000015	00000002-0000003E-0249F000-00000000 [31.00x / 38400000]
CPUID 00000016	000004B0-00000D48-00000064-00000000 [1200 / 3400 / 100]
CPUID 00000017	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000007-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000000-00080007-00000001-00004122 [SL 01]
CPUID 00000018	00000000-0010000F-00000001-00004125 [SL 02]
CPUID 00000018	00000000-00040001-00000010-00004024 [SL 03]
CPUID 00000018	00000000-00040006-00000008-00004024 [SL 04]
CPUID 00000018	00000000-00080008-00000001-00004124 [SL 05]
CPUID 00000018	00000000-00080007-00000080-00004043 [SL 06]
CPUID 00000018	00000000-00080009-00000080-00004043 [SL 07]
CPUID 00000019	00000000-00000000-00000000-00000000
CPUID 0000001A	00000000-00000000-00000000-00000000 [Unknown]
CPUID 0000001B	00000000-00000000-00000000-00000000
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000121-2C100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865 [Intel(R) Core(TM]
CPUID 80000003	33692029-3030312D-20314735-20555043 [) i3-1005G1 CPU]
CPUID 80000004	2E312040-48473032-0000007A-00000000 [@ 1.20GHz]
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003027-00000000-00000000-00000000

CPUID Registers (CPU #2):

CPUID 00000000	0000001B-756E6547-6C65746E-49656E69 [GenuineIntel]
CPUID 00000001	000706E5-02100800-7FFAFBBF-BFEBFBFF
CPUID 00000002	00FEFF01-000000F0-00000000-00000000
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-02C0003F-0000003F-00000000 [SL 00]
CPUID 00000004	1C004122-01C0003F-0000003F-00000000 [SL 01]
CPUID 00000004	1C004143-01C0003F-000003FF-00000000 [SL 02]
CPUID 00000004	1C03C163-03C0003F-00000FFF-00000006 [SL 03]
CPUID 00000005	00000040-00000040-00000003-11121020
CPUID 00000006	0017AFF7-00000002-00000009-00000000
CPUID 00000007	00000000-F2BF27EF-40405F4E-BC000410 [SL 00]
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	08300805-00000000-0000000F-00008604
CPUID 0000000B	00000001-00000002-00000100-00000002 [SL 00]
CPUID 0000000B	00000004-00000004-00000201-00000002 [SL 01]
CPUID 0000000C	00000000-00000000-00000000-00000000
CPUID 0000000D	000002E7-00000A80-00000A88-00000000 [SL 00]
CPUID 0000000D	0000000F-00000A00-00002100-00000000 [SL 01]
CPUID 0000000D	00000100-00000240-00000000-00000000 [SL 02]
CPUID 0000000D	00000040-00000440-00000000-00000000 [SL 05]
CPUID 0000000D	00000200-00000480-00000000-00000000 [SL 06]
CPUID 0000000D	00000400-00000680-00000000-00000000 [SL 07]
CPUID 0000000D	00000080-00000000-00000001-00000000 [SL 08]
CPUID 0000000D	00000008-00000A80-00000000-00000000 [SL 09]
CPUID 0000000D	00000008-00000000-00000001-00000000 [SL 0D]
CPUID 0000000E	00000000-00000000-00000000-00000000

CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 00]
CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000011	00000000-00000000-00000000-00000000
CPUID 00000012	00000063-00000001-00000000-00002F1F [SL 00]
CPUID 00000012	000000B6-00000000-000002E7-00000000 [SL 01]
CPUID 00000012	60180001-00000000-0BC00001-00000000 [SL 02]
CPUID 00000013	00000000-00000000-00000000-00000000
CPUID 00000014	00000001-0000000F-00000007-00000000 [SL 00]
CPUID 00000014	02490002-003F1FFF-00000000-00000000 [SL 01]
CPUID 00000015	00000002-0000003E-0249F000-00000000 [31.00x / 38400000]
CPUID 00000016	000004B0-00000D48-00000064-00000000 [1200 / 3400 / 100]
CPUID 00000017	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000007-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000000-00080007-00000001-00004122 [SL 01]
CPUID 00000018	00000000-0010000F-00000001-00004125 [SL 02]
CPUID 00000018	00000000-00040001-00000010-00004024 [SL 03]
CPUID 00000018	00000000-00040006-00000008-00004024 [SL 04]
CPUID 00000018	00000000-00080008-00000001-00004124 [SL 05]
CPUID 00000018	00000000-00080007-00000080-00004043 [SL 06]
CPUID 00000018	00000000-00080009-00000080-00004043 [SL 07]
CPUID 00000019	00000000-00000000-00000000-00000000
CPUID 0000001A	00000000-00000000-00000000-00000000 [Unknown]
CPUID 0000001B	00000000-00000000-00000000-00000000
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000121-2C100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865 [Intel(R) Core(TM]
CPUID 80000003	33692029-3030312D-20314735-20555043 [) i3-1005G1 CPU]
CPUID 80000004	2E312040-48473032-0000007A-00000000 [@ 1.20GHz]
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003027-00000000-00000000-00000000

CPUID Registers (CPU #3 Virtual):

CPUID 00000000	0000001B-756E6547-6C65746E-49656E69 [GenuineIntel]
CPUID 00000001	000706E5-03100800-7FFAFBBF-BFEBFBFF
CPUID 00000002	00FEFF01-000000F0-00000000-00000000
CPUID 00000003	00000000-00000000-00000000-00000000
CPUID 00000004	1C004121-02C0003F-0000003F-00000000 [SL 00]
CPUID 00000004	1C004122-01C0003F-0000003F-00000000 [SL 01]
CPUID 00000004	1C004143-01C0003F-000003FF-00000000 [SL 02]
CPUID 00000004	1C03C163-03C0003F-00000FFF-00000006 [SL 03]
CPUID 00000005	00000040-00000040-00000003-11121020
CPUID 00000006	0017AFF7-00000002-00000009-00000000
CPUID 00000007	00000000-F2BF27EF-40405F4E-BC000410 [SL 00]
CPUID 00000008	00000000-00000000-00000000-00000000
CPUID 00000009	00000000-00000000-00000000-00000000
CPUID 0000000A	08300805-00000000-0000000F-00008604
CPUID 0000000B	00000001-00000002-00000100-00000003 [SL 00]
CPUID 0000000B	00000004-00000004-00000201-00000003 [SL 01]
CPUID 0000000C	00000000-00000000-00000000-00000000
CPUID 0000000D	000002E7-00000A80-00000A88-00000000 [SL 00]
CPUID 0000000D	0000000F-00000A00-00002100-00000000 [SL 01]
CPUID 0000000D	00000100-00000240-00000000-00000000 [SL 02]
CPUID 0000000D	00000040-00000440-00000000-00000000 [SL 05]
CPUID 0000000D	00000200-00000480-00000000-00000000 [SL 06]
CPUID 0000000D	00000400-00000680-00000000-00000000 [SL 07]
CPUID 0000000D	00000080-00000000-00000001-00000000 [SL 08]
CPUID 0000000D	00000008-00000A80-00000000-00000000 [SL 09]
CPUID 0000000D	00000008-00000000-00000001-00000000 [SL 0D]
CPUID 0000000E	00000000-00000000-00000000-00000000
CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 00]

CPUID 0000000F	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000010	00000000-00000000-00000000-00000000 [SL 01]
CPUID 00000011	00000000-00000000-00000000-00000000
CPUID 00000012	00000063-00000001-00000000-00002F1F [SL 00]
CPUID 00000012	000000B6-00000000-000002E7-00000000 [SL 01]
CPUID 00000012	60180001-00000000-0BC00001-00000000 [SL 02]
CPUID 00000013	00000000-00000000-00000000-00000000
CPUID 00000014	00000001-0000000F-00000007-00000000 [SL 00]
CPUID 00000014	02490002-003F1FFF-00000000-00000000 [SL 01]
CPUID 00000015	00000002-0000003E-0249F000-00000000 [31.00x / 38400000]
CPUID 00000016	000004B0-00000D48-00000064-00000000 [1200 / 3400 / 100]
CPUID 00000017	00000000-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000007-00000000-00000000-00000000 [SL 00]
CPUID 00000018	00000000-00080007-00000001-00004122 [SL 01]
CPUID 00000018	00000000-0010000F-00000001-00004125 [SL 02]
CPUID 00000018	00000000-00040001-00000010-00004024 [SL 03]
CPUID 00000018	00000000-00040006-00000008-00004024 [SL 04]
CPUID 00000018	00000000-00080008-00000001-00004124 [SL 05]
CPUID 00000018	00000000-00080007-00000080-00004043 [SL 06]
CPUID 00000018	00000000-00080009-00000080-00004043 [SL 07]
CPUID 00000019	00000000-00000000-00000000-00000000
CPUID 0000001A	00000000-00000000-00000000-00000000 [Unknown]
CPUID 0000001B	00000000-00000000-00000000-00000000
CPUID 80000000	80000008-00000000-00000000-00000000
CPUID 80000001	00000000-00000000-00000121-2C100000
CPUID 80000002	65746E49-2952286C-726F4320-4D542865 [Intel(R) Core(TM]
CPUID 80000003	33692029-3030312D-20314735-20555043 [) i3-1005G1 CPU]
CPUID 80000004	2E312040-48473032-0000007A-00000000 [@ 1.20GHz]
CPUID 80000005	00000000-00000000-00000000-00000000
CPUID 80000006	00000000-00000000-01006040-00000000
CPUID 80000007	00000000-00000000-00000000-00000100
CPUID 80000008	00003027-00000000-00000000-00000000

MSR Registers (CPU #0):

MSR 00000017	001C-0000-0000-0000 [PlatID = 7]
MSR 0000001B	0000-0000-FEE0-0900
MSR 00000035	0000-0000-0002-0004
MSR 00000048	0000-0000-0000-0001
MSR 00000049	< FAILED >
MSR 0000008B	0000-00A0-0000-0000
MSR 000000CE	0004-043A-F181-0C00 [eD = 0]
MSR 000000E7	0000-001E-D09B-7284 [S200]
MSR 000000E7	0000-001E-D47E-F178 [S200]
MSR 000000E7	0000-001E-DA5C-BDEC
MSR 000000E8	0000-004D-C9E0-96A5 [S200]
MSR 000000E8	0000-004D-D1A6-0D7B [S200]
MSR 000000E8	0000-004D-D55B-0388
MSR 0000010A	0000-0000-0000-002B
MSR 0000010B	< FAILED >
MSR 00000194	0000-0000-0001-0000
MSR 00000198	0000-16E1-0000-0E00 [S200]
MSR 00000198	0000-16CC-0000-0E00 [S200]
MSR 00000198	0000-16F5-0000-0F00
MSR 00000199	0000-0000-0000-0B00
MSR 0000019A	0000-0000-0000-0000
MSR 0000019B	0000-0000-0000-0010
MSR 0000019C	0000-0000-8834-0800 [S200]
MSR 0000019C	0000-0000-8834-0800 [S200]
MSR 0000019C	0000-0000-8834-0800
MSR 0000019D	0000-0000-0000-0000
MSR 000001A0	0000-0000-0085-0089
MSR 000001A2	0000-0000-0264-0000
MSR 000001A4	0000-0000-0000-0000
MSR 000001AA	0000-0000-0040-1CC0
MSR 000001AC	< FAILED >

MSR 000001AD	2222-2222-2222-2222
MSR 000001AE	< FAILED >
MSR 000001AF	< FAILED >
MSR 000001B0	0000-0000-0000-0006
MSR 000001B1	0000-0000-8831-0800
MSR 000001B2	0000-0000-0000-0000
MSR 000001FC	0000-0000-0024-005F
MSR 00000300	< FAILED >
MSR 0000030A	0000-0000-0000-0000 [S200]
MSR 0000030A	0000-0000-0000-0000 [S200]
MSR 0000030A	0000-0000-0000-0000
MSR 0000030B	0000-0000-0000-0000 [S200]
MSR 0000030B	0000-0000-0000-0000 [S200]
MSR 0000030B	0000-0000-0000-0000
MSR 00000480	00DA-0500-0000-0013
MSR 00000481	0000-00FF-0000-0016
MSR 00000482	FFF9-FFFE-0401-E172
MSR 00000483	037F-FFFF-0003-6DFF
MSR 00000484	0006-FFFF-0000-11FF
MSR 00000485	0000-0000-7004-C1E7
MSR 00000486	0000-0000-8000-0021
MSR 00000487	0000-0000-FFFF-FFFF
MSR 00000488	0000-0000-0000-2000
MSR 00000489	0000-0000-0077-2FFF
MSR 0000048A	0000-0000-0000-002E
MSR 0000048B	335F-BFFF-0000-0000
MSR 0000048C	0000-0F01-0673-4141
MSR 0000048D	0000-00FF-0000-0016
MSR 0000048E	FFF9-FFFE-0400-6172
MSR 0000048F	037F-FFFF-0003-6DFB
MSR 00000490	0006-FFFF-0000-11FB
MSR 00000601	0000-0000-0000-0230
MSR 00000602	< FAILED >
MSR 00000603	0036-0000-0036-3636
MSR 00000604	< FAILED >
MSR 00000606	0000-0000-000A-0E03
MSR 0000060A	0000-0000-0000-0000
MSR 0000060B	0000-0000-0000-0000
MSR 0000060C	0000-0000-0000-0000
MSR 0000060D	0000-0004-35B6-169C
MSR 00000610	0042-81E8-001F-80F0
MSR 00000611	0000-0000-0444-DB00 [S200]
MSR 00000611	0000-0000-0445-B90B [S200]
MSR 00000611	0000-0000-0446-B5B6
MSR 00000613	0000-0000-0000-0000
MSR 00000614	0000-0000-0000-0078
MSR 00000618	0054-00DE-0000-0000
MSR 00000619	0000-0000-0000-0000 [S200]
MSR 00000619	0000-0000-0000-0000 [S200]
MSR 00000619	0000-0000-0000-0000
MSR 0000061B	0000-0000-0000-0000
MSR 0000061C	< FAILED >
MSR 0000061E	< FAILED >
MSR 00000620	0000-0000-0000-0420
MSR 00000621	0000-0000-1D78-0020
MSR 00000638	0000-0000-0000-0000
MSR 00000639	0000-0000-039A-0139 [S200]
MSR 00000639	0000-0000-039B-06FD [S200]
MSR 00000639	0000-0000-039B-FDE2
MSR 0000063A	0000-0000-0000-0009
MSR 0000063B	< FAILED >
MSR 00000640	0000-0000-0000-0000
MSR 00000641	0000-0000-000B-91FF [S200]
MSR 00000641	0000-0000-000B-9238 [S200]
MSR 00000641	0000-0000-000B-92A1
MSR 00000642	0000-0000-0000-000D
MSR 00000648	0000-0000-0000-000C
MSR 00000649	0000-0000-0009-0060

MSR 0000064A	0000-0000-0000-0000
MSR 0000064B	0000-0000-0000-0000
MSR 0000064C	0000-0000-0000-000B
MSR 00000690	0000-0000-0000-0000
MSR 000006B0	0000-0000-1000-0000
MSR 000006B1	0000-0000-0100-0000
MSR 00000770	0000-0000-0000-0001
MSR 00000771	0000-0000-0110-0C22
MSR 00000772	0000-019E-5400-2201
MSR 00000773	0000-0000-0000-0005
MSR 00000774	0000-059E-5400-2201
MSR 00000777	0000-0000-0000-0000

MSR Registers (CPU #1):

MSR 00000017	001C-0000-0000-0000 [PlatID = 7]
MSR 0000001B	0000-0000-FEE0-0800
MSR 00000035	0000-0000-0002-0004
MSR 00000048	0000-0000-0000-0001
MSR 00000049	< FAILED >
MSR 0000008B	0000-00A0-0000-0000
MSR 000000CE	0004-043A-F181-0C00 [eD = 0]
MSR 000000E7	0000-001A-0F50-074C
MSR 000000E8	0000-0044-EB3A-1985
MSR 0000010A	0000-0000-0000-002B
MSR 0000010B	< FAILED >
MSR 00000194	0000-0000-0001-0000
MSR 00000198	0000-208F-0000-2200
MSR 00000199	0000-0000-0000-0B00
MSR 0000019A	0000-0000-0000-0000
MSR 0000019B	0000-0000-0000-0010
MSR 0000019C	0000-0000-8829-0800
MSR 0000019D	0000-0000-0000-0000
MSR 000001A0	0000-0000-0085-0089
MSR 000001A2	0000-0000-0264-0000
MSR 000001A4	0000-0000-0000-0000
MSR 000001AA	0000-0000-0040-1CC0
MSR 000001AC	< FAILED >
MSR 000001AD	2222-2222-2222-2222
MSR 000001AE	< FAILED >
MSR 000001AF	< FAILED >
MSR 000001B0	0000-0000-0000-0006
MSR 000001B1	0000-0000-8829-0800
MSR 000001B2	0000-0000-0000-0000
MSR 000001FC	0000-0000-0024-005F
MSR 00000300	< FAILED >
MSR 0000030A	0000-0000-0000-0000
MSR 0000030B	0000-0000-0000-0000
MSR 00000480	00DA-0500-0000-0013
MSR 00000481	0000-00FF-0000-0016
MSR 00000482	FFF9-FFFE-0401-E172
MSR 00000483	037F-FFFF-0003-6DFF
MSR 00000484	0006-FFFF-0000-11FF
MSR 00000485	0000-0000-7004-C1E7
MSR 00000486	0000-0000-8000-0021
MSR 00000487	0000-0000-FFFF-FFFF
MSR 00000488	0000-0000-0000-2000
MSR 00000489	0000-0000-0077-2FFF
MSR 0000048A	0000-0000-0000-002E
MSR 0000048B	335F-BFFF-0000-0000
MSR 0000048C	0000-0F01-0673-4141
MSR 0000048D	0000-00FF-0000-0016
MSR 0000048E	FFF9-FFFE-0400-6172
MSR 0000048F	037F-FFFF-0003-6DFB
MSR 00000490	0006-FFFF-0000-11FB
MSR 00000601	0000-0000-0000-0230
MSR 00000602	< FAILED >
MSR 00000603	0036-0000-0036-3636

MSR 00000604	< FAILED >
MSR 00000606	0000-0000-000A-0E03
MSR 0000060A	0000-0000-0000-0000
MSR 0000060B	0000-0000-0000-0000
MSR 0000060C	0000-0000-0000-0000
MSR 0000060D	0000-0004-35B6-169C
MSR 00000610	0042-81E8-001F-80F0
MSR 00000611	0000-0000-044D-16BD
MSR 00000613	0000-0000-0000-0000
MSR 00000614	0000-0000-0000-0078
MSR 00000618	0054-00DE-0000-0000
MSR 00000619	0000-0000-0000-0000
MSR 0000061B	0000-0000-0000-0000
MSR 0000061C	< FAILED >
MSR 0000061E	< FAILED >
MSR 00000620	0000-0000-0000-0420
MSR 00000621	0000-0000-1D78-0020
MSR 00000638	0000-0000-0000-0000
MSR 00000639	0000-0000-039D-AF82
MSR 0000063A	0000-0000-0000-0009
MSR 0000063B	< FAILED >
MSR 00000640	0000-0000-0000-0000
MSR 00000641	0000-0000-000B-92A1
MSR 00000642	0000-0000-0000-000D
MSR 00000648	0000-0000-0000-000C
MSR 00000649	0000-0000-0009-0060
MSR 0000064A	0000-0000-0000-0000
MSR 0000064B	0000-0000-0000-0000
MSR 0000064C	0000-0000-0000-000B
MSR 00000690	0000-0000-0000-0000
MSR 000006B0	0000-0000-1000-0000
MSR 000006B1	0000-0000-0100-0000
MSR 00000770	0000-0000-0000-0001
MSR 00000771	0000-0000-0110-0C22
MSR 00000772	0000-019E-5400-2201
MSR 00000773	0000-0000-0000-0005
MSR 00000774	0000-059E-5400-2201
MSR 00000777	0000-0000-0000-0000

MSR Registers (CPU #2):

MSR 00000017	001C-0000-0000-0000 [PlatID = 7]
MSR 0000001B	0000-0000-FEE0-0800
MSR 00000035	0000-0000-0002-0004
MSR 00000048	0000-0000-0000-0001
MSR 00000049	< FAILED >
MSR 0000008B	0000-00A0-0000-0000
MSR 000000CE	0004-043A-F181-0C00 [eD = 0]
MSR 000000E7	0000-001D-79B9-B0B0
MSR 000000E8	0000-004D-0507-347D
MSR 0000010A	0000-0000-0000-002B
MSR 0000010B	< FAILED >
MSR 00000194	0000-0000-0001-0000
MSR 00000198	0000-20A3-0000-2200
MSR 00000199	0000-0000-0000-0B00
MSR 0000019A	0000-0000-0000-0000
MSR 0000019B	0000-0000-0000-0010
MSR 0000019C	0000-0000-8829-0800
MSR 0000019D	0000-0000-0000-0000
MSR 000001A0	0000-0000-0085-0089
MSR 000001A2	0000-0000-0264-0000
MSR 000001A4	0000-0000-0000-0000
MSR 000001AA	0000-0000-0040-1CC0
MSR 000001AC	< FAILED >
MSR 000001AD	2222-2222-2222-2222
MSR 000001AE	< FAILED >
MSR 000001AF	< FAILED >
MSR 000001B0	0000-0000-0000-0006

MSR 000001B1	0000-0000-8829-0800
MSR 000001B2	0000-0000-0000-0000
MSR 000001FC	0000-0000-0024-005F
MSR 00000300	< FAILED >
MSR 0000030A	0000-0000-0000-0000
MSR 0000030B	0000-0000-0000-0000
MSR 00000480	00DA-0500-0000-0013
MSR 00000481	0000-00FF-0000-0016
MSR 00000482	FFF9-FFFE-0401-E172
MSR 00000483	037F-FFFF-0003-6DFF
MSR 00000484	0006-FFFF-0000-11FF
MSR 00000485	0000-0000-7004-C1E7
MSR 00000486	0000-0000-8000-0021
MSR 00000487	0000-0000-FFFF-FFFF
MSR 00000488	0000-0000-0000-2000
MSR 00000489	0000-0000-0077-2FFF
MSR 0000048A	0000-0000-0000-002E
MSR 0000048B	335F-BFFF-0000-0000
MSR 0000048C	0000-0F01-0673-4141
MSR 0000048D	0000-00FF-0000-0016
MSR 0000048E	FFF9-FFFE-0400-6172
MSR 0000048F	037F-FFFF-0003-6DFB
MSR 00000490	0006-FFFF-0000-11FB
MSR 00000601	0000-0000-0000-0230
MSR 00000602	< FAILED >
MSR 00000603	0036-0000-0036-3636
MSR 00000604	< FAILED >
MSR 00000606	0000-0000-000A-0E03
MSR 0000060A	0000-0000-0000-0000
MSR 0000060B	0000-0000-0000-0000
MSR 0000060C	0000-0000-0000-0000
MSR 0000060D	0000-0004-35B6-169C
MSR 00000610	0042-81E8-001F-80F0
MSR 00000611	0000-0000-044D-185F
MSR 00000613	0000-0000-0000-0000
MSR 00000614	0000-0000-0000-0078
MSR 00000618	0054-00DE-0000-0000
MSR 00000619	0000-0000-0000-0000
MSR 0000061B	0000-0000-0000-0000
MSR 0000061C	< FAILED >
MSR 0000061E	< FAILED >
MSR 00000620	0000-0000-0000-0420
MSR 00000621	0000-0000-1D78-0020
MSR 00000638	0000-0000-0000-0000
MSR 00000639	0000-0000-039D-B0EF
MSR 0000063A	0000-0000-0000-0009
MSR 0000063B	< FAILED >
MSR 00000640	0000-0000-0000-0000
MSR 00000641	0000-0000-000B-92A1
MSR 00000642	0000-0000-0000-000D
MSR 00000648	0000-0000-0000-000C
MSR 00000649	0000-0000-0009-0060
MSR 0000064A	0000-0000-0000-0000
MSR 0000064B	0000-0000-0000-0000
MSR 0000064C	0000-0000-0000-000B
MSR 00000690	0000-0000-0000-0000
MSR 000006B0	0000-0000-1000-0000
MSR 000006B1	0000-0000-0100-0000
MSR 00000770	0000-0000-0000-0001
MSR 00000771	0000-0000-0110-0C22
MSR 00000772	0000-019E-5400-2201
MSR 00000773	0000-0000-0000-0005
MSR 00000774	0000-059E-5400-2201
MSR 00000777	0000-0000-0000-0000

MSR Registers (CPU #3):

MSR 00000017	001C-0000-0000-0000 [PlatID = 7]

MSR 0000001B	0000-0000-FEE0-0800
MSR 00000035	0000-0000-0002-0004
MSR 00000048	0000-0000-0000-0001
MSR 00000049	< FAILED >
MSR 0000008B	0000-00A0-0000-0000
MSR 000000CE	0004-043A-F181-0C00 [eD = 0]
MSR 000000E7	0000-0020-AE57-0E44
MSR 000000E8	0000-0056-7DB0-A44A
MSR 0000010A	0000-0000-0000-002B
MSR 0000010B	< FAILED >
MSR 00000194	0000-0000-0001-0000
MSR 00000198	0000-20A3-0000-2200
MSR 00000199	0000-0000-0000-0B00
MSR 0000019A	0000-0000-0000-0000
MSR 0000019B	0000-0000-0000-0010
MSR 0000019C	0000-0000-8829-0800
MSR 0000019D	0000-0000-0000-0000
MSR 000001A0	0000-0000-0085-0089
MSR 000001A2	0000-0000-0264-0000
MSR 000001A4	0000-0000-0000-0000
MSR 000001AA	0000-0000-0040-1CC0
MSR 000001AC	< FAILED >
MSR 000001AD	2222-2222-2222-2222
MSR 000001AE	< FAILED >
MSR 000001AF	< FAILED >
MSR 000001B0	0000-0000-0000-0006
MSR 000001B1	0000-0000-8829-0800
MSR 000001B2	0000-0000-0000-0000
MSR 000001FC	0000-0000-0024-005F
MSR 00000300	< FAILED >
MSR 0000030A	0000-0000-0000-0000
MSR 0000030B	0000-0000-0000-0000
MSR 00000480	00DA-0500-0000-0013
MSR 00000481	0000-00FF-0000-0016
MSR 00000482	FFF9-FFFE-0401-E172
MSR 00000483	037F-FFFF-0003-6DFF
MSR 00000484	0006-FFFF-0000-11FF
MSR 00000485	0000-0000-7004-C1E7
MSR 00000486	0000-0000-8000-0021
MSR 00000487	0000-0000-FFFF-FFFF
MSR 00000488	0000-0000-0000-2000
MSR 00000489	0000-0000-0077-2FFF
MSR 0000048A	0000-0000-0000-002E
MSR 0000048B	335F-BFFF-0000-0000
MSR 0000048C	0000-0F01-0673-4141
MSR 0000048D	0000-00FF-0000-0016
MSR 0000048E	FFF9-FFFE-0400-6172
MSR 0000048F	037F-FFFF-0003-6DFB
MSR 00000490	0006-FFFF-0000-11FB
MSR 00000601	0000-0000-0000-0230
MSR 00000602	< FAILED >
MSR 00000603	0036-0000-0036-3636
MSR 00000604	< FAILED >
MSR 00000606	0000-0000-000A-0E03
MSR 0000060A	0000-0000-0000-0000
MSR 0000060B	0000-0000-0000-0000
MSR 0000060C	0000-0000-0000-0000
MSR 0000060D	0000-0004-35B6-169C
MSR 00000610	0042-81E8-001F-80F0
MSR 00000611	0000-0000-044D-185F
MSR 00000613	0000-0000-0000-0000
MSR 00000614	0000-0000-0000-0078
MSR 00000618	0054-00DE-0000-0000
MSR 00000619	0000-0000-0000-0000
MSR 0000061B	0000-0000-0000-0000
MSR 0000061C	< FAILED >
MSR 0000061E	< FAILED >

MSR 00000620	0000-0000-0000-0420
MSR 00000621	0000-0000-1D78-0020
MSR 00000638	0000-0000-0000-0000
MSR 00000639	0000-0000-039D-B0EF
MSR 0000063A	0000-0000-0000-0009
MSR 0000063B	< FAILED >
MSR 00000640	0000-0000-0000-0000
MSR 00000641	0000-0000-000B-92A1
MSR 00000642	0000-0000-0000-000D
MSR 00000648	0000-0000-0000-000C
MSR 00000649	0000-0000-0009-0060
MSR 0000064A	0000-0000-0000-0000
MSR 0000064B	0000-0000-0000-0000
MSR 0000064C	0000-0000-0000-000B
MSR 00000690	0000-0000-0000-0000
MSR 000006B0	0000-0000-1000-0000
MSR 000006B1	0000-0000-0100-0000
MSR 00000770	0000-0000-0000-0001
MSR 00000771	0000-0000-0110-0C22
MSR 00000772	0000-019E-5400-2201
MSR 00000773	0000-0000-0000-0005
MSR 00000774	0000-059E-5400-2201
MSR 00000777	0000-0000-0000-0000

Motherboard

Motherboard Properties:

Motherboard ID	<DMI>
Motherboard Name	CASPER BILGISAYAR SISTEMLERI NL40LU2 001

Front Side Bus Properties:

Bus Type	Intel QPI
Real Clock	100 MHz
Effective Clock	100 MHz

Memory Bus Properties:

Bus Type	DDR4 SDRAM
Bus Width	64-bit
DRAM:FSB Ratio	40:3
Real Clock	1333 MHz (DDR)
Effective Clock	2667 MHz
Bandwidth	[TRIAL VERSION] MB/s

Chipset Bus Properties:

Bus Type	Intel Direct Media Interface v3.0

Memory

Physical Memory:

Total	[TRIAL VERSION]
Used	[TRIAL VERSION]
Free	3604 MB
Utilization	[TRIAL VERSION]

Virtual Memory:

Total	9516 MB
Used	4195 MB
Free	5321 MB
Utilization	44 %

Paging File:

Paging File	C:\pagefile.sys

Current Size	1600 MB
Current / Peak Usage	0 MB / 1 MB
Utilization	0 %

Physical Address Extension (PAE):

Supported by Operating System	Yes
Supported by CPU	Yes
Active	Yes

SPD

[DIMM3: [TRIAL VERSION]]

Memory Module Properties:

Module Name	[TRIAL VERSION]
Serial Number	E46D15E6h (3860164068)
Manufacture Date	Week 34 / 2020
Module Size	8 GB (2 ranks, 16 banks)
Module Type	[TRIAL VERSION]
Memory Type	DDR4 SDRAM
Memory Speed	DDR4-2666 (1333 MHz)
Module Width	64 bit
Module Voltage	1.2 V
Error Detection Method	None
DRAM Manufacturer	Micron
DRAM Stepping	00h
SDRAM Die Count	1

Memory Timings:

@ 1333 MHz	20-19-19-43 (CL-RCD-RP-RAS) / 62-347-214-147-7-5-7-28 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 1333 MHz	19-19-19-43 (CL-RCD-RP-RAS) / 62-347-214-147-7-5-7-28 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 1263 MHz	18-18-18-41 (CL-RCD-RP-RAS) / 59-329-203-139-7-5-7-27 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 1192 MHz	17-17-17-39 (CL-RCD-RP-RAS) / 56-311-191-132-6-4-6-26 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 1122 MHz	16-16-16-36 (CL-RCD-RP-RAS) / 52-292-180-124-6-4-6-24 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 1052 MHz	15-15-15-34 (CL-RCD-RP-RAS) / 49-274-169-116-6-4-6-23 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 982 MHz	14-14-14-32 (CL-RCD-RP-RAS) / 46-256-158-109-5-4-5-21 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 912 MHz	13-13-13-30 (CL-RCD-RP-RAS) / 43-238-146-101-5-4-5-20 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 842 MHz	12-12-12-27 (CL-RCD-RP-RAS) / 39-219-135-93-5-3-5-18 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)
@ 701 MHz	10-10-10-23 (CL-RCD-RP-RAS) / 33-183-113-78-4-3-4-15 (RC-RFC1-RFC2-RFC4-RRDL-RRDS-CCDL-FAW)

Memory Module Features:

Monolithic DRAM Device	Yes
Thermal Sensor	Not Present

Memory Module Manufacturer:

Company Name	Micron Technology, Inc.
Product Information	https://www.crucial.com/usa/en/memory-info

Chipset

[North Bridge: Intel Ice Lake-U IMC]

North Bridge Properties:

North Bridge	Intel Ice Lake-U IMC
Supported Memory Types	DDR4-1333, DDR4-1600, DDR4-1866, DDR4-2133, DDR4-2400, DDR4-2667, DDR4-2933, DDR4-3200 SDRAM
Maximum Memory Amount	64 GB
Revision	03
Process Technology	10 nm
VT-d	Supported
Extended APIC (x2APIC)	Supported

Memory Controller:

Type	Dual Channel (128-bit)
Active Mode	Single Channel (64-bit)

Memory Timings:

CAS Latency (CL)	19T
RAS To CAS Delay (tRCD)	19T
RAS Precharge (tRP)	19T
RAS Active Time (tRAS)	43T
Row Refresh Cycle Time (tRFC)	347T
Command Rate (CR)	1T
RAS To RAS Delay (tRRD)	Same Bank Group: 7T, Diff. Bank Group: 5T
Write Recovery Time (tWR)	20T
Read To Read Delay (tRTR)	Different Rank: 8T, Different DIMM: 8T, Same Bank Group: 8T, Diff. Bank Group: 4T
Read To Write Delay (tRTW)	Different Rank: 10T, Different DIMM: 10T, Same Bank Group: 10T, Diff. Bank Group: 10T
Write To Read Delay (tWTR)	Different Rank: 6T, Different DIMM: 6T, Same Bank Group: 34T, Diff. Bank Group: 28T
Write To Write Delay (tWTW)	Different Rank: 8T, Different DIMM: 8T, Same Bank Group: 8T, Diff. Bank Group: 4T
Read To Precharge Delay (tRTP)	10T
Write To Precharge Delay (tWTP)	42T
Four Activate Window Delay (tFAW)	28T
Write CAS Latency (tWCL)	18T
CKE Min. Pulse Width (tCKE)	7T
Refresh Period (tREF)	10400T
Burst Length (BL)	8

Error Correction:

ECC	Not Supported
ChipKill ECC	Not Supported
RAID	Not Supported
ECC Scrubbing	Not Supported

Memory Slots:

DRAM Slot #1	8 GB (DDR4 SDRAM)

Integrated Graphics Controller:

Graphics Controller Type	Intel HD Graphics
Graphics Controller Status	Enabled

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[South Bridge: [TRIAL VERSION]]

South Bridge Properties:

South Bridge	[TRIAL VERSION]
Revision / Stepping	30 / D0

High Definition Audio:

Codec Name	Realtek ALC293
Codec ID	10EC0293h / 155840D1h
Codec Revision	1000h
Codec Type	Audio

High Definition Audio:

Codec Name	Intel Ice Point HDMI
Codec ID	8086280Fh / 80860101h
Codec Revision	1000h
Codec Type	Audio

PCI Express Controller:

PCI-E 2.0 x1 port #9	In Use @ x1 (Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter, Realtek RTS5287 PCI-E Card Reader)

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

BIOS

BIOS Properties:

BIOS Type	Unknown
BIOS Version	1.07.04RCA3
SMBIOS Version	3.2
UEFI Boot	Yes
Secure Boot	Disabled
System BIOS Date	12/09/2020
Video BIOS Date	Unknown

ACPI

[APIC: Multiple APIC Description Table]

ACPI Table Properties:

ACPI Signature	APIC
Table Description	Multiple APIC Description Table
Memory Address	00000000-5BC29000h
Table Length	300 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h
Local APIC Address	FEE00000h

Processor Local APIC:

ACPI Processor ID	01h
APIC ID	00h
Status	Enabled

Processor Local APIC:

ACPI Processor ID	02h
APIC ID	02h
Status	Enabled

Processor Local APIC:

ACPI Processor ID	03h
APIC ID	01h
Status	Enabled

Processor Local APIC:

ACPI Processor ID	04h
APIC ID	03h
Status	Enabled

Processor Local APIC:

ACPI Processor ID	05h
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	06h

APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	07h
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	08h
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	09h
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	0Ah
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	0Bh
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	0Ch
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	0Dh
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	0Eh
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	0Fh
APIC ID	FFh
Status	Disabled

Processor Local APIC:

ACPI Processor ID	10h
APIC ID	FFh
Status	Disabled

I/O APIC:

I/O APIC ID	02h
I/O APIC Address	FEC00000h
Global System Interrupt Base	00000000h

Interrupt Source Override:

Bus	ISA
Source	IRQ0
Global System Interrupt	00000002h
Polarity	Conforms to the specifications of the bus
Trigger Mode	Conforms to the specifications of the bus

Interrupt Source Override:

Bus	ISA

Source	IRQ9
Global System Interrupt	00000009h
Polarity	Active High
Trigger Mode	Level-Triggered

Local APIC NMI:

ACPI Processor ID	01h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	02h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	03h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	04h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	05h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	06h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	07h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	08h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	09h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	0Ah
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	0Bh

Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	0Ch
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	0Dh
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	0Eh
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	0Fh
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

Local APIC NMI:

ACPI Processor ID	10h
Local ACPI LINT#	01h
Polarity	Active High
Trigger Mode	Edge-Triggered

[BGRT: Boot Graphics Resource Table]

ACPI Table Properties:

ACPI Signature	BGRT
Table Description	Boot Graphics Resource Table
Memory Address	00000000-5BBEA000h
Table Length	56 bytes
OEM ID	INSYDE
OEM Table ID	H2O BIOS
OEM Revision	00000001h
Creator ID	ACPI
Creator Revision	00040000h

[DBG2: Debug Port Table Type 2]

ACPI Table Properties:

ACPI Signature	DBG2
Table Description	Debug Port Table Type 2
Memory Address	00000000-5BC2E000h
Table Length	84 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

[DBGP: Debug Port Table]

ACPI Table Properties:

ACPI Signature	DBGP
Table Description	Debug Port Table
Memory Address	00000000-5BC2F000h

Table Length	52 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

[DMAR: DMA Remapping Table]

ACPI Table Properties:

ACPI Signature	DMAR
Table Description	DMA Remapping Table
Memory Address	00000000-5BBED000h
Table Length	176 bytes
OEM ID	INTEL
OEM Table ID	EDK2
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

[DSDT: Differentiated System Description Table]

ACPI Table Properties:

ACPI Signature	DSDT
Table Description	Differentiated System Description Table
Memory Address	00000000-5BBEF000h
Table Length	232041 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

nVIDIA SLI:

SLI Certification	Not Present
PCI 0-0-0-0 (Direct I/O)	8086-8A02 (Intel)
PCI 0-0-0-0 (HAL)	8086-8A02 (Intel)

Lucid Virtu:

Virtu Certification	Not Present

[FACP: Fixed ACPI Description Table]

ACPI Table Properties:

ACPI Signature	FACP
Table Description	Fixed ACPI Description Table
Memory Address	00000000-5BC2B000h
Table Length	276 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h
FACS Address	5BB81000h / 00000000-00000000h
DSDT Address	5BBEF000h / 00000000-5BBEF000h
SMI Command Port	000000B2h
PM Timer	00001808h

[FACS: Firmware ACPI Control Structure]

ACPI Table Properties:

ACPI Signature	FACS
Table Description	Firmware ACPI Control Structure
Memory Address	5BB81000h
Table Length	64 bytes
Hardware Signature	4EAFF1B3h

Waking Vector	00000000h
Global Lock	00000000h

[FBPT: Firmware Basic Boot Performance Table]

ACPI Table Properties:

ACPI Signature	FBPT
Table Description	Firmware Basic Boot Performance Table
Memory Address	00000000-5A06F000h
Table Length	56 bytes

[FPDT: Firmware Performance Data Table]

ACPI Table Properties:

ACPI Signature	FPDT
Table Description	Firmware Performance Data Table
Memory Address	00000000-5BC4D000h
Table Length	68 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h
FBPT Address	00000000-5A06F000h
S3PT Address	00000000-5B44E000h

[HPET: IA-PC High Precision Event Timer Table]

ACPI Table Properties:

ACPI Signature	HPET
Table Description	IA-PC High Precision Event Timer Table
Memory Address	00000000-5BC2A000h
Table Length	56 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h
HPET Address	00000000-FED00000h
Vendor ID	8086h
Revision	01h
Number of Timers	3
Counter Size	64-bit
Minimum Clock Ticks	128
Page Protection	No Guarantee
OEM Attribute	0h
LegacyReplacement IRQ Routing	Supported

[MCFG: Memory Mapped Configuration Space Base Address Description Table]

ACPI Table Properties:

ACPI Signature	MCFG
Table Description	Memory Mapped Configuration Space Base Address Description Table
Memory Address	00000000-5BC28000h
Table Length	60 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h
Config Space Address	00000000-C0000000h
PCI Segment	0000h
Start Bus Number	00h
End Bus Number	FFh

[NHLT: Non-HD Audio Endpoint Description Table]

ACPI Table Properties:

ACPI Signature	NHLT
Table Description	Non-HD Audio Endpoint Description Table
Memory Address	00000000-5BC2C000h
Table Length	45 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

[S3PT: S3 Performance Table]

ACPI Table Properties:

ACPI Signature	S3PT
Table Description	S3 Performance Table
Memory Address	00000000-5B44E000h
Table Length	52 bytes

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BBEC000h
Table Length	356 bytes
OEM ID	INSYDE
OEM Table ID	PcdTabl
OEM Revision	00001000h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BBEE000h
Table Length	2749 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BC2D000h
Table Length	3040 bytes
OEM ID	INTEL
OEM Table ID	xh_icud4
OEM Revision	00000000h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BC30000h

Table Length	6502 bytes
OEM ID	INSYDE
OEM Table ID	PtidDevc
OEM Revision	00001000h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BC35000h
Table Length	1921 bytes
OEM ID	INSYDE
OEM Table ID	Tpm2Tabl
OEM Revision	00001000h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BC36000h
Table Length	45657 bytes
OEM ID	INTEL
OEM Table ID	TcssSsdt
OEM Revision	00001000h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BC42000h
Table Length	12881 bytes
OEM ID	SaSsdt
OEM Table ID	SaSsdt
OEM Revision	00003000h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BC46000h
Table Length	7008 bytes
OEM ID	CpuRef
OEM Table ID	CpuSsdt
OEM Revision	00003000h
Creator ID	ACPI
Creator Revision	00040000h

[SSDT: Secondary System Description Table]

ACPI Table Properties:

ACPI Signature	SSDT
Table Description	Secondary System Description Table
Memory Address	00000000-5BC48000h
Table Length	17994 bytes

OEM ID	INTEL
OEM Table ID	DptfTabl
OEM Revision	00001000h
Creator ID	ACPI
Creator Revision	00040000h

[TPM2: TPM 2.0 Hardware Interface Table]

ACPI Table Properties:

ACPI Signature	TPM2
Table Description	TPM 2.0 Hardware Interface Table
Memory Address	00000000-5BC34000h
Table Length	52 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

[UEFI: UEFI ACPI Boot Optimization Table]

ACPI Table Properties:

ACPI Signature	UEFI
Table Description	UEFI ACPI Boot Optimization Table
Memory Address	00000000-5B46D000h
Table Length	92 bytes
OEM ID	INTEL
OEM Table ID	RstSataV
OEM Revision	00000000h
Creator ID	ACPI
Creator Revision	00040000h

[UEFI: UEFI ACPI Boot Optimization Table]

ACPI Table Properties:

ACPI Signature	UEFI
Table Description	UEFI ACPI Boot Optimization Table
Memory Address	00000000-5B46E000h
Table Length	1594 bytes
OEM ID	INTEL
OEM Table ID	RstSataE
OEM Revision	00000000h
Creator ID	ACPI
Creator Revision	00040000h

[UEFI: UEFI ACPI Boot Optimization Table]

ACPI Table Properties:

ACPI Signature	UEFI
Table Description	UEFI ACPI Boot Optimization Table
Memory Address	00000000-5BBCE000h
Table Length	566 bytes
OEM ID	INSYDE
OEM Table ID	H2O BIOS
OEM Revision	00000001h
Creator ID	ACPI
Creator Revision	00040000h

[WSMT: Windows SMM Security Mitigations Table]

ACPI Table Properties:

ACPI Signature	WSMT
Table Description	Windows SMM Security Mitigations Table
Memory Address	00000000-5BC32000h
Table Length	40 bytes

OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator ID	ACPI
Creator Revision	00040000h

[XSDT: Extended System Description Table]

ACPI Table Properties:

ACPI Signature	XSDT
Table Description	Extended System Description Table
Memory Address	00000000-5BBEB188h
Table Length	228 bytes
OEM ID	INSYDE
OEM Table ID	ICL-ULT
OEM Revision	00000002h
Creator Revision	01000013h
XSDT Entry #0	00000000-5BC2B000h (FACP)
XSDT Entry #1	00000000-5BBCE000h (UEFI)
XSDT Entry #2	00000000-5BC48000h (SSDT)
XSDT Entry #3	00000000-5BC46000h (SSDT)
XSDT Entry #4	00000000-5BC42000h (SSDT)
XSDT Entry #5	00000000-5BC36000h (SSDT)
XSDT Entry #6	00000000-5BC35000h (SSDT)
XSDT Entry #7	00000000-5BC34000h (TPM2)
XSDT Entry #8	00000000-5BC32000h (WSMT)
XSDT Entry #9	00000000-5BC30000h (SSDT)
XSDT Entry #10	00000000-5BC2F000h (DBGP)
XSDT Entry #11	00000000-5BC2E000h (DBG2)
XSDT Entry #12	00000000-5BC2D000h (SSDT)
XSDT Entry #13	00000000-5BC2C000h (NHLT)
XSDT Entry #14	00000000-5BC2A000h (HPET)
XSDT Entry #15	00000000-5BC29000h (APIC)
XSDT Entry #16	00000000-5BC28000h (MCFG)
XSDT Entry #17	00000000-5BBEE000h (SSDT)
XSDT Entry #18	00000000-5BBED000h (DMAR)
XSDT Entry #19	00000000-5BBEC000h (SSDT)
XSDT Entry #20	00000000-5B46E000h (UEFI)
XSDT Entry #21	00000000-5B46D000h (UEFI)
XSDT Entry #22	00000000-5BC4D000h (FPDT)
XSDT Entry #23	00000000-5BBEA000h (BGRT)

Windows Video

[Intel(R) UHD Graphics]

Video Adapter Properties:

Device Description	Intel(R) UHD Graphics
Adapter String	Intel(R) UHD Graphics
BIOS String	Intel Video BIOS
Chip Type	Intel(R) UHD Graphics Family
DAC Type	Internal
Driver Date	23.12.2020
Driver Version	27.20.100.9126
Driver Provider	Intel Corporation
DCH Driver	No
Memory Size	1 GB

Installed Drivers:

igdumdim64
igd10iumd64
igd10iumd64

igd12umd64
igdumdim32

igd10iumd32
igd10iumd32
igd12umd32

Video Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Intel(R) UHD Graphics]

Video Adapter Properties:

Device Description	Intel(R) UHD Graphics
Adapter String	Intel(R) UHD Graphics
BIOS String	Intel Video BIOS
Chip Type	Intel(R) UHD Graphics Family
DAC Type	Internal
Driver Date	23.12.2020
Driver Version	27.20.100.9126
Driver Provider	Intel Corporation
DCH Driver	No
Memory Size	1 GB

Installed Drivers:

igdumdim64
igd10iumd64
igd10iumd64
igd12umd64
igdumdim32
igd10iumd32
igd10iumd32
igd12umd32

Video Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Intel(R) UHD Graphics]

Video Adapter Properties:

Device Description	Intel(R) UHD Graphics
Adapter String	Intel(R) UHD Graphics
BIOS String	Intel Video BIOS
Chip Type	Intel(R) UHD Graphics Family
DAC Type	Internal
Driver Date	23.12.2020
Driver Version	27.20.100.9126
Driver Provider	Intel Corporation
DCH Driver	No
Memory Size	1 GB

Installed Drivers:

igdumdim64
igd10iumd64
igd10iumd64
igd12umd64
igdumdim32
igd10iumd32
igd10iumd32
igd12umd32

Video Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets

Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

Monitor

[BOEhydis NV140FHM-N49]

Monitor Properties:

Monitor Name	BOEhydis NV140FHM-N49
Monitor ID	BOE07F7
Manufacturer	BOE CQ
Model	NV140FHM-N49
Monitor Type	14" LCD (FHD)
Manufacture Date	Week 19 / 2020
Serial Number	None
Max. Visible Display Size	309 mm x 174 mm (14.0")
Picture Aspect Ratio	16:9
Horizontal Frequency	31 - 83 kHz
Vertical Frequency	56 - 76 Hz
Maximum Resolution	1920 x 1080
Pixel Density	158 ppi
Gamma	2.20
DPMS Mode Support	None

Supported Video Modes:

1920 x 1080	Pixel Clock: 147.80 MHz

Desktop

Desktop Properties:

Device Technology	Raster Display
Resolution	1920 x 1080
Color Depth	32-bit
Color Planes	1
Font Resolution	120 dpi
Taskbar Button Combining	Always, hide labels
Pixel Width / Height	36 / 36
Pixel Diagonal	51
Vertical Refresh Rate	60 Hz
Desktop Wallpaper	C:\Users\musta\Pictures\wallpapers\agFJkFJ.jpg

Desktop Effects:

Combo-Box Animation	Enabled
Dark Mode	Enabled
Drop Shadow Effect	Enabled
Flat Menu Effect	Enabled
Font Smoothing	Enabled
ClearType	Enabled
Full Window Dragging	Enabled
Gradient Window Title Bars	Enabled
Hide Menu Access Keys	Enabled
Hot Tracking Effect	Enabled
Icon Title Wrapping	Enabled
List-Box Smooth Scrolling	Enabled
Menu Animation	Enabled
Menu Fade Effect	Enabled
Minimize/Restore Animation	Enabled
Mouse Cursor Shadow	Disabled
Selection Fade Effect	Disabled
ShowSounds Accessibility Feature	Disabled
Small Taskbar Buttons	Disabled
Taskbar Button Badges	Enabled

Taskbar Locked	Yes
ToolTip Animation	Enabled
ToolTip Fade Effect	Enabled
Windows Aero	Enabled
Windows Plus! Extension	Disabled

Multi-Monitor

Device ID	Primary	Upper Left Corner	Bottom Right Corner
\\.\DISPLAY1	Yes	(0,0)	(1920,1080)

Video Modes

Resolution	Color Depth	Refresh Rate
640 x 480	32-bit	60 Hz
640 x 480	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
800 x 600	32-bit	60 Hz
800 x 600	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1024 x 768	32-bit	60 Hz
1024 x 768	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1152 x 864	32-bit	60 Hz
1152 x 864	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1280 x 600	32-bit	60 Hz
1280 x 600	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1280 x 720	32-bit	60 Hz
1280 x 720	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1280 x 768	32-bit	60 Hz
1280 x 768	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1280 x 800	32-bit	60 Hz
1280 x 800	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1280 x 960	32-bit	60 Hz
1280 x 960	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1280 x 1024	32-bit	60 Hz
1280 x 1024	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1360 x 768	32-bit	60 Hz
1360 x 768	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1366 x 768	32-bit	60 Hz
1366 x 768	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1400 x 1050	32-bit	60 Hz
1400 x 1050	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1440 x 900	32-bit	60 Hz
1440 x 900	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1600 x 900	32-bit	60 Hz
1600 x 900	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]
1680 x 1050	32-bit	60 Hz
1680 x 1050	32-bit	60 Hz
[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]

1920 x 1080	32-bit	60 Hz

OpenGL

OpenGL Properties:

Vendor	Intel
Renderer	Intel(R) UHD Graphics
Version	4.6.0 - Build 27.20.100.9126
Shading Language Version	4.60 - Build 27.20.100.9126
OpenGL DLL	10.0.22000.1(WinBuild.160101.0800)
Multitexture Texture Units	8
Occlusion Query Counter Bits	64
Sub-Pixel Precision	8-bit
Max Viewport Size	16384 x 16384
Max Cube Map Texture Size	16384 x 16384
Max Rectangle Texture Size	16384 x 16384
Max 3D Texture Size	2048 x 2048 x 2048
Max Anisotropy	16
Max Clipping Planes	8
Max Display-List Nesting Level	64
Max Draw Buffers	8
Max Evaluator Order	32
Max Light Sources	8
Max Pixel Map Table Size	65536
Min / Max Program Texel Offset	-8 / 7
Max Texture Array Layers	2048
Max Texture LOD Bias	15

OpenGL Compliancy:

OpenGL 1.1	Yes (100%)
OpenGL 1.2	Yes (100%)
OpenGL 1.3	Yes (100%)
OpenGL 1.4	Yes (100%)
OpenGL 1.5	Yes (100%)
OpenGL 2.0	Yes (100%)
OpenGL 2.1	Yes (100%)
OpenGL 3.0	Yes (100%)
OpenGL 3.1	Yes (100%)
OpenGL 3.2	Yes (100%)
OpenGL 3.3	Yes (100%)
OpenGL 4.0	Yes (100%)
OpenGL 4.1	Yes (100%)
OpenGL 4.2	Yes (100%)
OpenGL 4.3	Yes (100%)
OpenGL 4.4	Yes (100%)
OpenGL 4.5	Yes (100%)
OpenGL 4.6	Yes (100%)

Max Stack Depth:

Attribute Stack	16
Client Attribute Stack	16
Modelview Matrix Stack	32
Name Stack	128
Projection Matrix Stack	4
Texture Matrix Stack	10

Draw Range Elements:

Max Index Count	1048576
Max Vertex Count	1048576

Transform Feedback:

Max Interleaved Components	128
Max Separate Attributes	4
Max Separate Components	4

Framebuffer Object:

Max Color Attachments	8
Max Render Buffer Size	16384 x 16384

Vertex Shader:

Max Uniform Vertex Components	4096
Max Varying Floats	64
Max Vertex Texture Image Units	32
Max Combined Texture Image Units	192

Geometry Shader:

Max Geometry Texture Units	32
Max Varying Components	64
Max Geometry Varying Components	64
Max Vertex Varying Components	32
Max Geometry Uniform Components	4096
Max Geometry Output Vertices	256
Max Geometry Total Output Components	1024

Fragment Shader:

Max Uniform Fragment Components	4096

Vertex Program:

Max Local Parameters	256
Max Environment Parameters	300
Max Program Matrices	8
Max Program Matrix Stack Depth	2
Max Vertex Attributes	16
Max Instructions	1024
Max Native Instructions	1024
Max Temporaries	31
Max Native Temporaries	31
Max Parameters	512
Max Native Parameters	400
Max Attributes	16
Max Native Attributes	16
Max Address Registers	1
Max Native Address Registers	1

Fragment Program:

Max Local Parameters	256
Max Environment Parameters	256
Max Texture Coordinates	8
Max Texture Image Units	32
Max Instructions	1447
Max Native Instructions	1447
Max Temporaries	256
Max Native Temporaries	256
Max Parameters	512
Max Native Parameters	32
Max Attributes	13
Max Native Attributes	13
Max Address Registers	0
Max Native Address Registers	0
Max ALU Instructions	1447
Max Native ALU Instructions	1447
Max Texture Instructions	1447
Max Native Texture Instructions	1447
Max Texture Indirections	128
Max Native Texture Indirections	128

OpenGL Extensions:

Total / Supported Extensions	1082 / 261
GL_3DFX_multisample	Not Supported
GL_3DFX_tbuffer	Not Supported
GL_3DFX_texture_compression_FXT1	Supported
GL_3DL_direct_texture_access2	Not Supported
GL_3Dlabs_multisample_transparency_id	Not Supported

GL_3Dlabs_multisample_transparency_range	Not Supported
GL_AMD_blend_minmax_factor	Not Supported
GL_AMD_compressed_3DC_texture	Not Supported
GL_AMD_compressed_ATC_texture	Not Supported
GL_AMD_conservative_depth	Not Supported
GL_AMD_debug_output	Not Supported
GL_AMD_depth_clamp_separate	Supported
GL_AMD_draw_buffers_blend	Not Supported
GL_AMD_framebuffer_sample_positions	Not Supported
GL_AMD_gcn_shader	Not Supported
GL_AMD_gpu_shader_half_float	Not Supported
GL_AMD_gpu_shader_half_float_fetch	Not Supported
GL_AMD_gpu_shader_half_float2	Not Supported
GL_AMD_gpu_shader_int16	Not Supported
GL_AMD_gpu_shader_int64	Not Supported
GL_AMD_interleaved_elements	Not Supported
GL_AMD_multi_draw_indirect	Not Supported
GL_AMD_name_gen_delete	Not Supported
GL_AMD_occlusion_query_event	Not Supported
GL_AMD_performance_monitor	Not Supported
GL_AMD_pinned_memory	Not Supported
GL_AMD_program_binary_Z400	Not Supported
GL_AMD_query_buffer_object	Not Supported
GL_AMD_sample_positions	Not Supported
GL_AMD_seamless_cubemap_per_texture	Not Supported
GL_AMD_shader_atomic_counter_ops	Not Supported
GL_AMD_shader_stencil_export	Not Supported
GL_AMD_shader_stencil_value_export	Not Supported
GL_AMD_shader_trace	Not Supported
GL_AMD_shader_trinary_minmax	Not Supported
GL_AMD_sparse_texture	Not Supported
GL_AMD_sparse_texture_pool	Not Supported
GL_AMD_stencil_operation_extended	Not Supported
GL_AMD_texture_compression_dxt6	Not Supported
GL_AMD_texture_compression_dxt7	Not Supported
GL_AMD_texture_cube_map_array	Not Supported
GL_AMD_texture_texture4	Not Supported
GL_AMD_texture_tile_pool	Not Supported
GL_AMD_transform_feedback3_lines_triangles	Not Supported
GL_AMD_transform_feedback4	Not Supported
GL_AMD_vertex_shader_layer	Supported
GL_AMD_vertex_shader_tessellator	Not Supported
GL_AMD_vertex_shader_viewport_index	Supported
GL_AMDX_debug_output	Not Supported
GL_AMDX_name_gen_delete	Not Supported
GL_AMDX_random_access_target	Not Supported
GL_AMDX_vertex_shader_tessellator	Not Supported
GL_ANDROID_extension_pack_es31a	Not Supported
GL_ANGLE_depth_texture	Not Supported
GL_ANGLE_framebuffer_blit	Not Supported
GL_ANGLE_framebuffer_multisample	Not Supported
GL_ANGLE_instanced_arrays	Not Supported
GL_ANGLE_pack_reverse_row_order	Not Supported
GL_ANGLE_program_binary	Not Supported
GL_ANGLE_texture_compression_dxt1	Not Supported
GL_ANGLE_texture_compression_dxt3	Not Supported
GL_ANGLE_texture_compression_dxt5	Not Supported
GL_ANGLE_texture_usage	Not Supported
GL_ANGLE_translated_shader_source	Not Supported
GL_APPLE_aux_depth_stencil	Not Supported
GL_APPLE_client_storage	Not Supported
GL_APPLE_copy_texture_levels	Not Supported
GL_APPLE_element_array	Not Supported
GL_APPLE_fence	Not Supported
GL_APPLE_float_pixels	Not Supported
GL_APPLE_flush_buffer_range	Not Supported
GL_APPLE_flush_render	Not Supported

GL_APPLE_framebuffer_multisample	Not Supported
GL_APPLE_object_purgeable	Not Supported
GL_APPLE_packed_pixel	Not Supported
GL_APPLE_packed_pixels	Not Supported
GL_APPLE_pixel_buffer	Not Supported
GL_APPLE_rgb_422	Not Supported
GL_APPLE_row_bytes	Not Supported
GL_APPLE_specular_vector	Not Supported
GL_APPLE_sync	Not Supported
GL_APPLE_texture_2D_limited_npot	Not Supported
GL_APPLE_texture_format_BGRA8888	Not Supported
GL_APPLE_texture_max_level	Not Supported
GL_APPLE_texture_range	Not Supported
GL_APPLE_transform_hint	Not Supported
GL_APPLE_vertex_array_object	Not Supported
GL_APPLE_vertex_array_range	Not Supported
GL_APPLE_vertex_point_size	Not Supported
GL_APPLE_vertex_program_evaluators	Not Supported
GL_APPLE_ycbcr_422	Not Supported
GL_ARB_arrays_of_arrays	Supported
GL_ARB_base_instance	Supported
GL_ARB_bindless_texture	Supported
GL_ARB_blend_func_extended	Supported
GL_ARB_buffer_storage	Supported
GL_ARB_cl_event	Supported
GL_ARB_clear_buffer_object	Supported
GL_ARB_clear_texture	Supported
GL_ARB_clip_control	Supported
GL_ARB_color_buffer_float	Supported
GL_ARB_compatibility	Supported
GL_ARB_compressed_texture_pixel_storage	Supported
GL_ARB_compute_shader	Supported
GL_ARB_compute_variable_group_size	Not Supported
GL_ARB_conditional_render_inverted	Supported
GL_ARB_conservative_depth	Supported
GL_ARB_context_flush_control	Not Supported
GL_ARB_copy_buffer	Supported
GL_ARB_copy_image	Supported
GL_ARB_cull_distance	Supported
GL_ARB_debug_group	Not Supported
GL_ARB_debug_label	Not Supported
GL_ARB_debug_output	Supported
GL_ARB_debug_output2	Not Supported
GL_ARB_depth_buffer_float	Supported
GL_ARB_depth_clamp	Supported
GL_ARB_depth_texture	Supported
GL_ARB_derivative_control	Supported
GL_ARB_direct_state_access	Supported
GL_ARB_draw_buffers	Supported
GL_ARB_draw_buffers_blend	Supported
GL_ARB_draw_elements_base_vertex	Supported
GL_ARB_draw_indirect	Supported
GL_ARB_draw_instanced	Supported
GL_ARB_enhanced_layouts	Supported
GL_ARB_ES2_compatibility	Supported
GL_ARB_ES3_1_compatibility	Supported
GL_ARB_ES3_2_compatibility	Not Supported
GL_ARB_ES3_compatibility	Supported
GL_ARB_explicit_attrib_location	Supported
GL_ARB_explicit_uniform_location	Supported
GL_ARB_fragment_coord_conventions	Supported
GL_ARB_fragment_layer_viewport	Supported
GL_ARB_fragment_program	Supported
GL_ARB_fragment_program_shadow	Supported
GL_ARB_fragment_shader	Supported
GL_ARB_fragment_shader_interlock	Supported
GL_ARB_framebuffer_no_attachments	Supported

GL_ARB_framebuffer_object	Supported
GL_ARB_framebuffer_sRGB	Supported
GL_ARB_geometry_shader4	Supported
GL_ARB_get_program_binary	Supported
GL_ARB_get_texture_sub_image	Supported
GL_ARB_gl_spirv	Supported
GL_ARB_gpu_shader_fp64	Supported
GL_ARB_gpu_shader_int64	Not Supported
GL_ARB_gpu_shader5	Supported
GL_ARB_half_float_pixel	Supported
GL_ARB_half_float_vertex	Supported
GL_ARB_imaging	Not Supported
GL_ARB_indirect_parameters	Supported
GL_ARB_instanced_arrays	Supported
GL_ARB_internalformat_query	Supported
GL_ARB_internalformat_query2	Supported
GL_ARB_invalidate_subdata	Supported
GL_ARB_make_current_read	Not Supported
GL_ARB_map_buffer_alignment	Supported
GL_ARB_map_buffer_range	Supported
GL_ARB_matrix_palette	Not Supported
GL_ARB_multi_bind	Supported
GL_ARB_multi_draw_indirect	Supported
GL_ARB_multisample	Supported
GL_ARB_multitexture	Supported
GL_ARB_occlusion_query	Supported
GL_ARB_occlusion_query2	Supported
GL_ARB_parallel_shader_compile	Not Supported
GL_ARB_pipeline_statistics_query	Supported
GL_ARB_pixel_buffer_object	Supported
GL_ARB_point_parameters	Supported
GL_ARB_point_sprite	Supported
GL_ARB_polygon_offset_clamp	Supported
GL_ARB_post_depth_coverage	Supported
GL_ARB_program_interface_query	Supported
GL_ARB_provoking_vertex	Supported
GL_ARB_query_buffer_object	Supported
GL_ARB_robust_buffer_access_behavior	Supported
GL_ARB_robustness	Supported
GL_ARB_robustness_isolation	Supported
GL_ARB_sample_locations	Not Supported
GL_ARB_sample_shading	Supported
GL_ARB_sampler_objects	Supported
GL_ARB_seamless_cube_map	Supported
GL_ARB_seamless_cubemap_per_texture	Supported
GL_ARB_separate_shader_objects	Supported
GL_ARB_shader_atomic_counter_ops	Supported
GL_ARB_shader_atomic_counters	Supported
GL_ARB_shader_ballot	Not Supported
GL_ARB_shader_bit_encoding	Supported
GL_ARB_shader_clock	Not Supported
GL_ARB_shader_draw_parameters	Supported
GL_ARB_shader_group_vote	Supported
GL_ARB_shader_image_load_store	Supported
GL_ARB_shader_image_size	Supported
GL_ARB_shader_objects	Supported
GL_ARB_shader_precision	Supported
GL_ARB_shader_stencil_export	Supported
GL_ARB_shader_storage_buffer_object	Supported
GL_ARB_shader_subroutine	Supported
GL_ARB_shader_texture_image_samples	Supported
GL_ARB_shader_texture_lod	Not Supported
GL_ARB_shader_viewport_layer_array	Not Supported
GL_ARB_shading_language_100	Supported
GL_ARB_shading_language_120	Not Supported
GL_ARB_shading_language_420pack	Supported
GL_ARB_shading_language_include	Not Supported

GL_ARB_shading_language_packing	Supported
GL_ARB_shadow	Supported
GL_ARB_shadow_ambient	Not Supported
GL_ARB_sparse_buffer	Not Supported
GL_ARB_sparse_texture	Not Supported
GL_ARB_sparse_texture_clamp	Not Supported
GL_ARB_sparse_texture2	Not Supported
GL_ARB_spirv_extensions	Supported
GL_ARB_stencil_texturing	Supported
GL_ARB_swap_buffers	Not Supported
GL_ARB_sync	Supported
GL_ARB_tessellation_shader	Supported
GL_ARB_texture_barrier	Supported
GL_ARB_texture_border_clamp	Supported
GL_ARB_texture_buffer_object	Supported
GL_ARB_texture_buffer_object_rgb32	Supported
GL_ARB_texture_buffer_range	Supported
GL_ARB_texture_compression	Supported
GL_ARB_texture_compression_bptc	Supported
GL_ARB_texture_compression_rgtc	Supported
GL_ARB_texture_compression_rtgc	Not Supported
GL_ARB_texture_cube_map	Supported
GL_ARB_texture_cube_map_array	Supported
GL_ARB_texture_env_add	Supported
GL_ARB_texture_env_combine	Supported
GL_ARB_texture_env_crossbar	Supported
GL_ARB_texture_env_dot3	Supported
GL_ARB_texture_filter_anisotropic	Supported
GL_ARB_texture_filter_minmax	Not Supported
GL_ARB_texture_float	Supported
GL_ARB_texture_gather	Supported
GL_ARB_texture_mirror_clamp_to_edge	Supported
GL_ARB_texture_mirrored_repeat	Supported
GL_ARB_texture_multisample	Supported
GL_ARB_texture_non_power_of_two	Supported
GL_ARB_texture_query_levels	Supported
GL_ARB_texture_query_lod	Supported
GL_ARB_texture_rectangle	Supported
GL_ARB_texture_rg	Supported
GL_ARB_texture_rgb10_a2ui	Supported
GL_ARB_texture_snorm	Not Supported
GL_ARB_texture_stencil8	Supported
GL_ARB_texture_storage	Supported
GL_ARB_texture_storage_multisample	Supported
GL_ARB_texture_swizzle	Supported
GL_ARB_texture_view	Supported
GL_ARB_timer_query	Supported
GL_ARB_transform_feedback_instanced	Supported
GL_ARB_transform_feedback_overflow_query	Supported
GL_ARB_transform_feedback2	Supported
GL_ARB_transform_feedback3	Supported
GL_ARB_transpose_matrix	Supported
GL_ARB_uber_buffers	Not Supported
GL_ARB_uber_mem_image	Not Supported
GL_ARB_uber_vertex_array	Not Supported
GL_ARB_uniform_buffer_object	Supported
GL_ARB_vertex_array_bgra	Supported
GL_ARB_vertex_array_object	Supported
GL_ARB_vertex_attrib_64bit	Supported
GL_ARB_vertex_attrib_binding	Supported
GL_ARB_vertex_blend	Not Supported
GL_ARB_vertex_buffer_object	Supported
GL_ARB_vertex_program	Supported
GL_ARB_vertex_shader	Supported
GL_ARB_vertex_type_10f_11f_11f_rev	Supported
GL_ARB_vertex_type_2_10_10_10_rev	Supported
GL_ARB_viewport_array	Supported

GL_ARB_window_pos	Supported
GL_ARM_mali_program_binary	Not Supported
GL_ARM_mali_shader_binary	Not Supported
GL_ARM_rgba8	Not Supported
GL_ARM_shader_framebuffer_fetch	Not Supported
GL_ARM_shader_framebuffer_fetch_depth_stencil	Not Supported
GL_ATI_array_rev_comps_in_4_bytes	Not Supported
GL_ATI_blend_equation_separate	Not Supported
GL_ATI_blend_weighted_minmax	Not Supported
GL_ATI_draw_buffers	Not Supported
GL_ATI_element_array	Not Supported
GL_ATI_envmap_bumpmap	Not Supported
GL_ATI_fragment_shader	Not Supported
GL_ATI_lock_texture	Not Supported
GL_ATI_map_object_buffer	Not Supported
GL_ATI_meminfo	Not Supported
GL_ATI_pixel_format_float	Not Supported
GL_ATI_pn_triangles	Not Supported
GL_ATI_point_cull_mode	Not Supported
GL_ATI_separate_stencil	Supported
GL_ATI_shader_texture_lod	Not Supported
GL_ATI_text_fragment_shader	Not Supported
GL_ATI_texture_compression_3dc	Not Supported
GL_ATI_texture_env_combine3	Not Supported
GL_ATI_texture_float	Not Supported
GL_ATI_texture_mirror_once	Not Supported
GL_ATI_vertex_array_object	Not Supported
GL_ATI_vertex_attrib_array_object	Not Supported
GL_ATI_vertex_blend	Not Supported
GL_ATI_vertex_shader	Not Supported
GL_ATI_vertex_streams	Not Supported
GL_ATIX_pn_triangles	Not Supported
GL_ATIX_texture_env_combine3	Not Supported
GL_ATIX_texture_env_route	Not Supported
GL_ATIX_vertex_shader_output_point_size	Not Supported
GL_Autodesk_facet_normal	Not Supported
GL_Autodesk_valid_back_buffer_hint	Not Supported
GL_CR_bounding_box	Not Supported
GL_CR_cursor_position	Not Supported
GL_CR_head_spu_name	Not Supported
GL_CR_performance_info	Not Supported
GL_CR_print_string	Not Supported
GL_CR_readback_barrier_size	Not Supported
GL_CR_saveframe	Not Supported
GL_CR_server_id_sharing	Not Supported
GL_CR_server_matrix	Not Supported
GL_CR_state_parameter	Not Supported
GL_CR_synchronization	Not Supported
GL_CR_tile_info	Not Supported
GL_CR_tilesort_info	Not Supported
GL_CR_window_size	Not Supported
GL_DIMD_YUV	Not Supported
GL_DMP_shader_binary	Not Supported
GL_EXT_422_pixels	Not Supported
GL_EXT_abgr	Supported
GL_EXT_bgra	Supported
GL_EXT_bindable_uniform	Not Supported
GL_EXT_blend_color	Supported
GL_EXT_blend_equation_separate	Supported
GL_EXT_blend_func_separate	Supported
GL_EXT_blend_logic_op	Not Supported
GL_EXT_blend_minmax	Supported
GL_EXT_blend_subtract	Supported
GL_EXT_Cg_shader	Not Supported
GL_EXT_clip_control	Not Supported
GL_EXT_clip_volume_hint	Supported
GL_EXT_cmyka	Not Supported
GL_EXT_color_buffer_float	Not Supported

GL_EXT_color_buffer_half_float	Not Supported
GL_EXT_color_matrix	Not Supported
GL_EXT_color_subtable	Not Supported
GL_EXT_color_table	Not Supported
GL_EXT_compiled_vertex_array	Supported
GL_EXT_convolution	Not Supported
GL_EXT_convolution_border_modes	Not Supported
GL_EXT_coordinate_frame	Not Supported
GL_EXT_copy_buffer	Not Supported
GL_EXT_copy_image	Not Supported
GL_EXT_copy_texture	Not Supported
GL_EXT_cull_vertex	Not Supported
GL_EXT_debug_label	Not Supported
GL_EXT_debug_marker	Not Supported
GL_EXT_depth_bounds_test	Not Supported
GL_EXT_depth_buffer_float	Not Supported
GL_EXT_direct_state_access	Supported
GL_EXT_discard_framebuffer	Not Supported
GL_EXT_disjoint_timer_query	Not Supported
GL_EXT_draw_buffers	Not Supported
GL_EXT_draw_buffers_indexed	Not Supported
GL_EXT_draw_buffers2	Supported
GL_EXT_draw_indirect	Not Supported
GL_EXT_draw_instanced	Not Supported
GL_EXT_draw_range_elements	Supported
GL_EXT_fog_coord	Supported
GL_EXT_fog_function	Not Supported
GL_EXT_fog_offset	Not Supported
GL_EXT_frag_depth	Not Supported
GL_EXT_fragment_lighting	Not Supported
GL_EXT_framebuffer_blit	Supported
GL_EXT_framebuffer_multisample	Supported
GL_EXT_framebuffer_multisample_blit_scaled	Not Supported
GL_EXT_framebuffer_object	Supported
GL_EXT_framebuffer_sRGB	Not Supported
GL_EXT_generate_mipmap	Not Supported
GL_EXT_geometry_point_size	Not Supported
GL_EXT_geometry_shader	Not Supported
GL_EXT_geometry_shader4	Supported
GL_EXT_glx_stereo_tree	Not Supported
GL_EXT_gpu_program_parameters	Supported
GL_EXT_gpu_shader_fp64	Not Supported
GL_EXT_gpu_shader4	Supported
GL_EXT_gpu_shader5	Not Supported
GL_EXT_histogram	Not Supported
GL_EXT_import_sync_object	Not Supported
GL_EXT_index_array_formats	Not Supported
GL_EXT_index_func	Not Supported
GL_EXT_index_material	Not Supported
GL_EXT_index_texture	Not Supported
GL_EXT_instanced_arrays	Not Supported
GL_EXT_interlace	Not Supported
GL_EXT_light_texture	Not Supported
GL_EXT_map_buffer_range	Not Supported
GL_EXT_memory_object	Not Supported
GL_EXT_memory_object_win32	Not Supported
GL_EXT_misc_attribute	Not Supported
GL_EXT_multi_draw_arrays	Supported
GL_EXT_multisample	Not Supported
GL_EXT_multisampled_render_to_texture	Not Supported
GL_EXT_multiview_draw_buffers	Not Supported
GL_EXT_occlusion_query_boolean	Not Supported
GL_EXT_packed_depth_stencil	Supported
GL_EXT_packed_float	Supported
GL_EXT_packed_pixels	Supported
GL_EXT_packed_pixels_12	Not Supported
GL_EXT_paletted_texture	Not Supported

GL_EXT_pixel_buffer_object	Not Supported
GL_EXT_pixel_format	Not Supported
GL_EXT_pixel_texture	Not Supported
GL_EXT_pixel_transform	Not Supported
GL_EXT_pixel_transform_color_table	Not Supported
GL_EXT_point_parameters	Not Supported
GL_EXT_polygon_offset	Not Supported
GL_EXT_polygon_offset_clamp	Supported
GL_EXT_post_depth_coverage	Not Supported
GL_EXT_primitive_bounding_box	Not Supported
GL_EXT_provoking_vertex	Not Supported
GL_EXT_pvrtc_sRGB	Not Supported
GL_EXT_raster_multisample	Not Supported
GL_EXT_read_format_bgra	Not Supported
GL_EXT_rescale_normal	Supported
GL_EXT_robustness	Not Supported
GL_EXT_scene_marker	Not Supported
GL_EXT_secondary_color	Supported
GL_EXT_semaphore	Not Supported
GL_EXT_semaphore_win32	Not Supported
GL_EXT_separate_shader_objects	Not Supported
GL_EXT_separate_specular_color	Supported
GL_EXT_shader_atomic_counters	Not Supported
GL_EXT_shader_framebuffer_fetch	Supported
GL_EXT_shader_image_load_formatted	Not Supported
GL_EXT_shader_image_load_store	Not Supported
GL_EXT_shader_implicit_conversions	Not Supported
GL_EXT_shader_integer_mix	Supported
GL_EXT_shader_io_blocks	Not Supported
GL_EXT_shader_pixel_local_storage	Not Supported
GL_EXT_shader_subroutine	Not Supported
GL_EXT_shader_texture_lod	Not Supported
GL_EXT_shadow_funcs	Supported
GL_EXT_shadow_samplers	Not Supported
GL_EXT_shared_texture_palette	Not Supported
GL_EXT_sparse_texture2	Not Supported
GL_EXT_sRGB	Not Supported
GL_EXT_sRGB_write_control	Not Supported
GL_EXT_static_vertex_array	Not Supported
GL_EXT_stencil_clear_tag	Not Supported
GL_EXT_stencil_two_side	Supported
GL_EXT_stencil_wrap	Supported
GL_EXT_subtexture	Not Supported
GL_EXT_swap_control	Not Supported
GL_EXT_tessellation_point_size	Not Supported
GL_EXT_tessellation_shader	Not Supported
GL_EXT_texgen_reflection	Not Supported
GL_EXT_texture	Not Supported
GL_EXT_texture_array	Supported
GL_EXT_texture_border_clamp	Not Supported
GL_EXT_texture_buffer	Not Supported
GL_EXT_texture_buffer_object	Not Supported
GL_EXT_texture_buffer_object_rgb32	Not Supported
GL_EXT_texture_color_table	Not Supported
GL_EXT_texture_compression_bptc	Not Supported
GL_EXT_texture_compression_dxt1	Not Supported
GL_EXT_texture_compression_latc	Not Supported
GL_EXT_texture_compression_rgtc	Not Supported
GL_EXT_texture_compression_s3tc	Supported
GL_EXT_texture_cube_map	Not Supported
GL_EXT_texture_cube_map_array	Not Supported
GL_EXT_texture_edge_clamp	Supported
GL_EXT_texture_env	Not Supported
GL_EXT_texture_env_add	Supported
GL_EXT_texture_env_combine	Supported
GL_EXT_texture_env_dot3	Not Supported
GL_EXT_texture_filter_anisotropic	Supported
GL_EXT_texture_filter_minmax	Not Supported

GL_EXT_texture_format_BGRA8888	Not Supported
GL_EXT_texture_integer	Supported
GL_EXT_texture_lod	Not Supported
GL_EXT_texture_lod_bias	Supported
GL_EXT_texture_mirror_clamp	Not Supported
GL_EXT_texture_object	Not Supported
GL_EXT_texture_perturb_normal	Not Supported
GL_EXT_texture_rectangle	Supported
GL_EXT_texture_rg	Not Supported
GL_EXT_texture_shared_exponent	Supported
GL_EXT_texture_snorm	Supported
GL_EXT_texture_sRGB	Supported
GL_EXT_texture_sRGB_decode	Supported
GL_EXT_texture_sRGB_R8	Not Supported
GL_EXT_texture_storage	Supported
GL_EXT_texture_swizzle	Supported
GL_EXT_texture_type_2_10_10_10_REV	Not Supported
GL_EXT_texture_view	Not Supported
GL_EXT_texture3D	Supported
GL_EXT_texture4D	Not Supported
GL_EXT_timer_query	Supported
GL_EXT_transform_feedback	Supported
GL_EXT_transform_feedback2	Not Supported
GL_EXT_transform_feedback3	Not Supported
GL_EXT_unpack_subimage	Not Supported
GL_EXT_vertex_array	Not Supported
GL_EXT_vertex_array_bgra	Not Supported
GL_EXT_vertex_array_set	Not Supported
GL_EXT_vertex_array_setXXX	Not Supported
GL_EXT_vertex_attrib_64bit	Not Supported
GL_EXT_vertex_shader	Not Supported
GL_EXT_vertex_weighting	Not Supported
GL_EXT_win32_keyed_mutex	Not Supported
GL_EXT_window_rectangles	Not Supported
GL_EXT_x11_sync_object	Not Supported
GL_EXTX_framebuffer_mixed_formats	Not Supported
GL_EXTX_packed_depth_stencil	Not Supported
GL_FGL_lock_texture	Not Supported
GL_FJ_shader_binary_GCCSO	Not Supported
GL_GL2_geometry_shader	Not Supported
GL_GREMEDY_frame_terminator	Not Supported
GL_GREMEDY_string_marker	Not Supported
GL_HP_convolution_border_modes	Not Supported
GL_HP_image_transform	Not Supported
GL_HP_occlusion_test	Not Supported
GL_HP_texture_lighting	Not Supported
GL_I3D_argb	Not Supported
GL_I3D_color_clamp	Not Supported
GL_I3D_interlace_read	Not Supported
GL_IBM_clip_check	Not Supported
GL_IBM_cull_vertex	Not Supported
GL_IBM_load_named_matrix	Not Supported
GL_IBM_multi_draw_arrays	Not Supported
GL_IBM_multimode_draw_arrays	Not Supported
GL_IBM_occlusion_cull	Not Supported
GL_IBM_pixel_filter_hint	Not Supported
GL_IBM_rasterpos_clip	Not Supported
GL_IBM_rescale_normal	Not Supported
GL_IBM_static_data	Not Supported
GL_IBM_texture_clamp_nodraw	Not Supported
GL_IBM_texture_mirrored_repeat	Supported
GL_IBM_vertex_array_lists	Not Supported
GL_IBM_YCbCr	Not Supported
GL_IMG_multisampled_render_to_texture	Not Supported
GL_IMG_program_binary	Not Supported
GL_IMG_read_format	Not Supported
GL_IMG_sgx_binary	Not Supported

GL_IMG_shader_binary	Not Supported
GL_IMG_texture_compression_pvrtc	Not Supported
GL_IMG_texture_compression_pvrtc2	Not Supported
GL_IMG_texture_env_enhanced_fixed_function	Not Supported
GL_IMG_texture_format_BGRA8888	Not Supported
GL_IMG_user_clip_plane	Not Supported
GL_IMG_vertex_program	Not Supported
GL_INGR_blend_func_separate	Not Supported
GL_INGR_color_clamp	Not Supported
GL_INGR_interlace_read	Not Supported
GL_INGR_multiple_palette	Not Supported
GL_INTEL_coarse_fragment_shader	Supported
GL_INTEL_compute_shader_lane_shift	Not Supported
GL_INTEL_conservative_rasterization	Supported
GL_INTEL_fragment_shader_ordering	Supported
GL_INTEL_fragment_shader_span_sharing	Not Supported
GL_INTEL_framebuffer_CMAA	Supported
GL_INTEL_image_serialize	Not Supported
GL_INTEL_map_texture	Supported
GL_INTEL_multi_rate_fragment_shader	Supported
GL_INTEL_parallel_arrays	Not Supported
GL_INTEL_performance_queries	Not Supported
GL_INTEL_performance_query	Supported
GL_INTEL_texture_scissor	Not Supported
GL_KHR_blend_equation_advanced	Supported
GL_KHR_blend_equation_advanced_coherent	Supported
GL_KHR_context_flush_control	Supported
GL_KHR_debug	Supported
GL_KHR_no_error	Supported
GL_KHR_parallel_shader_compile	Not Supported
GL_KHR_robust_buffer_access_behavior	Not Supported
GL_KHR_robustness	Not Supported
GL_KHR_shader_subgroup	Supported
GL_KHR_shader_subgroup_arithmetic	Supported
GL_KHR_shader_subgroup_ballot	Supported
GL_KHR_shader_subgroup_basic	Supported
GL_KHR_shader_subgroup_clustered	Supported
GL_KHR_shader_subgroup_quad	Supported
GL_KHR_shader_subgroup_shuffle	Supported
GL_KHR_shader_subgroup_shuffle_relative	Supported
GL_KHR_shader_subgroup_vote	Supported
GL_KHR_texture_compression_astc_hdr	Not Supported
GL_KHR_texture_compression_astc_ldr	Supported
GL_KHR_vulkan_glsl	Not Supported
GL_KTX_buffer_region	Not Supported
GL_MESA_pack_invert	Not Supported
GL_MESA_program_debug	Not Supported
GL_MESA_resize_buffers	Not Supported
GL_MESA_texture_array	Not Supported
GL_MESA_texture_signed_rgba	Not Supported
GL_MESA_window_pos	Not Supported
GL_MESA_ycbcr_texture	Not Supported
GL_MESAX_texture_float	Not Supported
GL_MESAX_texture_stack	Not Supported
GL_MTX_fragment_shader	Not Supported
GL_MTX_precision_dpi	Not Supported
GL_NV_3dvision_settings	Not Supported
GL_NV_alpha_test	Not Supported
GL_NV_alpha_to_coverage_dither_control	Not Supported
GL_NV_bgr	Not Supported
GL_NV_bindless_multi_draw_indirect	Not Supported
GL_NV_bindless_multi_draw_indirect_count	Not Supported
GL_NV_bindless_texture	Not Supported
GL_NV_blend_equation_advanced	Not Supported
GL_NV_blend_equation_advanced_coherent	Not Supported
GL_NV_blend_minmax	Not Supported
GL_NV_blend_minmax_factor	Not Supported

GL_NV_blend_square	Supported
GL_NV_centroid_sample	Not Supported
GL_NV_clip_space_w_scaling	Not Supported
GL_NV_command_list	Not Supported
GL_NV_complex_primitives	Not Supported
GL_NV_compute_program5	Not Supported
GL_NV_compute_shader_derivatives	Not Supported
GL_NV_conditional_render	Supported
GL_NV_conservative_raster	Not Supported
GL_NV_conservative_raster_dilate	Not Supported
GL_NV_conservative_raster_pre_snap	Not Supported
GL_NV_conservative_raster_pre_snap_triangles	Not Supported
GL_NV_conservative_raster_underestimation	Not Supported
GL_NV_copy_buffer	Not Supported
GL_NV_copy_depth_to_color	Not Supported
GL_NV_copy_image	Not Supported
GL_NV_coverage_sample	Not Supported
GL_NV_deep_texture3D	Not Supported
GL_NV_depth_buffer_float	Not Supported
GL_NV_depth_clamp	Not Supported
GL_NV_depth_nonlinear	Not Supported
GL_NV_depth_range_unclamped	Not Supported
GL_NV_draw_buffers	Not Supported
GL_NV_draw_instanced	Not Supported
GL_NV_draw_texture	Not Supported
GL_NV_draw_vulkan_image	Not Supported
GL_NV_EGL_stream_consumer_external	Not Supported
GL_NV_ES1_1_compatibility	Not Supported
GL_NV_ES3_1_compatibility	Not Supported
GL_NV_evaluators	Not Supported
GL_NV_explicit_attrib_location	Not Supported
GL_NV_explicit_multisample	Not Supported
GL_NV_fbo_color_attachments	Not Supported
GL_NV_feature_query	Not Supported
GL_NV_fence	Not Supported
GL_NV_fill_rectangle	Not Supported
GL_NV_float_buffer	Not Supported
GL_NV_fog_distance	Not Supported
GL_NV_fragdepth	Not Supported
GL_NV_fragment_coverage_to_color	Not Supported
GL_NV_fragment_program	Not Supported
GL_NV_fragment_program_option	Not Supported
GL_NV_fragment_program2	Not Supported
GL_NV_fragment_program4	Not Supported
GL_NV_fragment_shader_barycentric	Not Supported
GL_NV_fragment_shader_interlock	Not Supported
GL_NV_framebuffer_blit	Not Supported
GL_NV_framebuffer_mixed_samples	Not Supported
GL_NV_framebuffer_multisample	Not Supported
GL_NV_framebuffer_multisample_coverage	Not Supported
GL_NV_framebuffer_multisample_ex	Not Supported
GL_NV_generate_mipmap_sRGB	Not Supported
GL_NV_geometry_program4	Not Supported
GL_NV_geometry_shader_passthrough	Not Supported
GL_NV_geometry_shader4	Not Supported
GL_NV_gpu_program_fp64	Not Supported
GL_NV_gpu_program4	Not Supported
GL_NV_gpu_program4_1	Not Supported
GL_NV_gpu_program5	Not Supported
GL_NV_gpu_program5_mem_extended	Not Supported
GL_NV_gpu_shader5	Not Supported
GL_NV_half_float	Not Supported
GL_NV_instanced_arrays	Not Supported
GL_NV_internalformat_sample_query	Not Supported
GL_NV_light_max_exponent	Not Supported
GL_NV_memory_attachment	Not Supported
GL_NV_mesh_shader	Not Supported

GL_NV_multisample_coverage	Not Supported
GL_NV_multisample_filter_hint	Not Supported
GL_NV_non_square_matrices	Not Supported
GL_NV_occlusion_query	Not Supported
GL_NV_pack_subimage	Not Supported
GL_NV_packed_depth_stencil	Not Supported
GL_NV_packed_float	Not Supported
GL_NV_packed_float_linear	Not Supported
GL_NV_parameter_buffer_object	Not Supported
GL_NV_parameter_buffer_object2	Not Supported
GL_NV_path_rendering	Not Supported
GL_NV_path_rendering_shared_edge	Not Supported
GL_NV_pixel_buffer_object	Not Supported
GL_NV_pixel_data_range	Not Supported
GL_NV_platform_binary	Not Supported
GL_NV_point_sprite	Not Supported
GL_NV_present_video	Not Supported
GL_NV_primitive_restart	Supported
GL_NV_query_resource	Not Supported
GL_NV_query_resource_tag	Not Supported
GL_NV_read_buffer	Not Supported
GL_NV_read_buffer_front	Not Supported
GL_NV_read_depth	Not Supported
GL_NV_read_depth_stencil	Not Supported
GL_NV_read_stencil	Not Supported
GL_NV_register_combiners	Not Supported
GL_NV_register_combiners2	Not Supported
GL_NV_representative_fragment_test	Not Supported
GL_NV_robustness_video_memory_purge	Not Supported
GL_NV_sample_locations	Not Supported
GL_NV_sample_mask_override_coverage	Not Supported
GL_NV_scissor_exclusive	Not Supported
GL_NV_shader_atomic_counters	Not Supported
GL_NV_shader_atomic_float	Not Supported
GL_NV_shader_atomic_float64	Not Supported
GL_NV_shader_atomic_fp16_vector	Not Supported
GL_NV_shader_atomic_int64	Not Supported
GL_NV_shader_buffer_load	Not Supported
GL_NV_shader_buffer_store	Not Supported
GL_NV_shader_storage_buffer_object	Not Supported
GL_NV_shader_texture_footprint	Not Supported
GL_NV_shader_thread_group	Not Supported
GL_NV_shader_thread_shuffle	Not Supported
GL_NV_shading_rate_image	Not Supported
GL_NV_shadow_samplers_array	Not Supported
GL_NV_shadow_samplers_cube	Not Supported
GL_NV_sRGB_formats	Not Supported
GL_NV_stereo_view_rendering	Not Supported
GL_NV_tessellation_program5	Not Supported
GL_NV_texgen_emboss	Not Supported
GL_NV_texgen_reflection	Supported
GL_NV_texture_array	Not Supported
GL_NV_texture_barrier	Not Supported
GL_NV_texture_border_clamp	Not Supported
GL_NV_texture_compression_latc	Not Supported
GL_NV_texture_compression_s3tc	Not Supported
GL_NV_texture_compression_s3tc_update	Not Supported
GL_NV_texture_compression_vtc	Not Supported
GL_NV_texture_env_combine4	Not Supported
GL_NV_texture_expand_normal	Not Supported
GL_NV_texture_lod_clamp	Not Supported
GL_NV_texture_multisample	Not Supported
GL_NV_texture_npot_2D_mipmap	Not Supported
GL_NV_texture_rectangle	Not Supported
GL_NV_texture_rectangle_compressed	Not Supported
GL_NV_texture_shader	Not Supported
GL_NV_texture_shader2	Not Supported

GL_NV_texture_shader3	Not Supported
GL_NV_timer_query	Not Supported
GL_NV_transform_feedback	Not Supported
GL_NV_transform_feedback2	Not Supported
GL_NV_uniform_buffer_unified_memory	Not Supported
GL_NV_vdpau_interop	Not Supported
GL_NV_vertex_array_range	Not Supported
GL_NV_vertex_array_range2	Not Supported
GL_NV_vertex_attrib_64bit	Not Supported
GL_NV_vertex_attrib_integer_64bit	Not Supported
GL_NV_vertex_buffer_unified_memory	Not Supported
GL_NV_vertex_program	Not Supported
GL_NV_vertex_program1_1	Not Supported
GL_NV_vertex_program2	Not Supported
GL_NV_vertex_program2_option	Not Supported
GL_NV_vertex_program3	Not Supported
GL_NV_vertex_program4	Not Supported
GL_NV_video_capture	Not Supported
GL_NV_viewport_array2	Not Supported
GL_NV_viewport_swizzle	Not Supported
GL_NVX_blend_equation_advanced_multi_draw_buffers	Not Supported
GL_NVX_conditional_render	Not Supported
GL_NVX_flush_hold	Not Supported
GL_NVX_gpu_memory_info	Not Supported
GL_NVX_instanced_arrays	Not Supported
GL_NVX_multigpu_info	Not Supported
GL_NVX_nvenc_interop	Not Supported
GL_NVX_shader_thread_group	Not Supported
GL_NVX_shader_thread_shuffle	Not Supported
GL_NVX_shared_sync_object	Not Supported
GL_NVX_sysmem_buffer	Not Supported
GL_NVX_ycrcb	Not Supported
GL_OES_blend_equation_separate	Not Supported
GL_OES_blend_func_separate	Not Supported
GL_OES_blend_subtract	Not Supported
GL_OES_byte_coordinates	Not Supported
GL_OES_compressed_EAC_R11_signed_texture	Not Supported
GL_OES_compressed_EAC_R11_unsigned_texture	Not Supported
GL_OES_compressed_EAC_RG11_signed_texture	Not Supported
GL_OES_compressed_EAC_RG11_unsigned_texture	Not Supported
GL_OES_compressed_ETC1_RGB8_texture	Not Supported
GL_OES_compressed_ETC2_punchthroughA_RGBA8_texture	Not Supported
GL_OES_compressed_ETC2_punchthroughA_sRGB8_alpha_texture	Not Supported
GL_OES_compressed_ETC2_RGB8_texture	Not Supported
GL_OES_compressed_ETC2_RGBA8_texture	Not Supported
GL_OES_compressed_ETC2_sRGB8_alpha8_texture	Not Supported
GL_OES_compressed_ETC2_sRGB8_texture	Not Supported
GL_OES_compressed_paletted_texture	Not Supported
GL_OES_conditional_query	Not Supported
GL_OES_depth_texture	Not Supported
GL_OES_depth_texture_cube_map	Not Supported
GL_OES_depth24	Not Supported
GL_OES_depth32	Not Supported
GL_OES_draw_texture	Not Supported
GL_OES_EGL_image	Not Supported
GL_OES_EGL_image_external	Not Supported
GL_OES_EGL_sync	Not Supported
GL_OES_element_index_uint	Not Supported
GL_OES_extended_matrix_palette	Not Supported
GL_OES_fbo_render_mipmap	Not Supported
GL_OES_fixed_point	Not Supported
GL_OES_fragment_precision_high	Not Supported
GL_OES_framebuffer_object	Not Supported
GL_OES_get_program_binary	Not Supported
GL_OES_mapbuffer	Not Supported
GL_OES_matrix_get	Not Supported
GL_OES_matrix_palette	Not Supported

GL_OES_packed_depth_stencil	Not Supported
GL_OES_point_size_array	Not Supported
GL_OES_point_sprite	Not Supported
GL_OES_query_matrix	Not Supported
GL_OES_read_format	Not Supported
GL_OES_required_internalformat	Not Supported
GL_OES_rgb8_rgba8	Not Supported
GL_OES_sample_shading	Not Supported
GL_OES_sample_variables	Not Supported
GL_OES_shader_image_atomic	Not Supported
GL_OES_shader_multisample_interpolation	Not Supported
GL_OES_single_precision	Not Supported
GL_OES_standard_derivatives	Not Supported
GL_OES_stencil_wrap	Not Supported
GL_OES_stencil1	Not Supported
GL_OES_stencil4	Not Supported
GL_OES_stencil8	Not Supported
GL_OES_surfaceless_context	Not Supported
GL_OES_texture_3D	Not Supported
GL_OES_texture_compression_astc	Not Supported
GL_OES_texture_cube_map	Not Supported
GL_OES_texture_env_crossbar	Not Supported
GL_OES_texture_float	Not Supported
GL_OES_texture_float_linear	Not Supported
GL_OES_texture_half_float	Not Supported
GL_OES_texture_half_float_linear	Not Supported
GL_OES_texture_mirrored_repeat	Not Supported
GL_OES_texture_npot	Not Supported
GL_OES_texture_stencil8	Not Supported
GL_OES_texture_storage_multisample_2d_array	Not Supported
GL_OES_vertex_array_object	Not Supported
GL_OES_vertex_half_float	Not Supported
GL_OES_vertex_type_10_10_10_2	Not Supported
GL_OML_interlace	Not Supported
GL_OML_resample	Not Supported
GL_OML_subsample	Not Supported
GL_OVR_multiview	Not Supported
GL_OVR_multiview2	Not Supported
GL_PGI_misc_hints	Not Supported
GL_PGI_vertex_hints	Not Supported
GL_QCOM_alpha_test	Not Supported
GL_QCOM_binning_control	Not Supported
GL_QCOM_driver_control	Not Supported
GL_QCOM_extended_get	Not Supported
GL_QCOM_extended_get2	Not Supported
GL_QCOM_perfmon_global_mode	Not Supported
GL_QCOM_tiled_rendering	Not Supported
GL_QCOM_writeonly_rendering	Not Supported
GL_REND_screen_coordinates	Not Supported
GL_S3_performance_analyzer	Not Supported
GL_S3_s3tc	Not Supported
GL_S3_texture_float_linear	Not Supported
GL_S3_texture_half_float_linear	Not Supported
GL_SGI_color_matrix	Not Supported
GL_SGI_color_table	Not Supported
GL_SGI_compiled_vertex_array	Not Supported
GL_SGI_cull_vertex	Not Supported
GL_SGI_index_array_formats	Not Supported
GL_SGI_index_func	Not Supported
GL_SGI_index_material	Not Supported
GL_SGI_index_texture	Not Supported
GL_SGI_make_current_read	Not Supported
GL_SGI_texture_add_env	Not Supported
GL_SGI_texture_color_table	Not Supported
GL_SGI_texture_edge_clamp	Not Supported
GL_SGI_texture_lod	Not Supported
GL_SGIS_color_range	Not Supported

GL_SGIS_detail_texture	Not Supported
GL_SGIS_fog_function	Not Supported
GL_SGIS_generate_mipmap	Supported
GL_SGIS_multisample	Not Supported
GL_SGIS_multitexture	Not Supported
GL_SGIS_pixel_texture	Not Supported
GL_SGIS_point_line_texgen	Not Supported
GL_SGIS_sharpen_texture	Not Supported
GL_SGIS_texture_border_clamp	Not Supported
GL_SGIS_texture_color_mask	Not Supported
GL_SGIS_texture_edge_clamp	Supported
GL_SGIS_texture_filter4	Not Supported
GL_SGIS_texture_lod	Supported
GL_SGIS_texture_select	Not Supported
GL_SGIS_texture4D	Not Supported
GL_SGIX_async	Not Supported
GL_SGIX_async_histogram	Not Supported
GL_SGIX_async_pixel	Not Supported
GL_SGIX_blend_alpha_minmax	Not Supported
GL_SGIX_clipmap	Not Supported
GL_SGIX_convolution_accuracy	Not Supported
GL_SGIX_depth_pass_instrument	Not Supported
GL_SGIX_depth_texture	Not Supported
GL_SGIX_flush_raster	Not Supported
GL_SGIX_fog_offset	Not Supported
GL_SGIX_fog_texture	Not Supported
GL_SGIX_fragment_specular_lighting	Not Supported
GL_SGIX_framezoom	Not Supported
GL_SGIX_instruments	Not Supported
GL_SGIX_interlace	Not Supported
GL_SGIX_ir_instrument1	Not Supported
GL_SGIX_list_priority	Not Supported
GL_SGIX_pbuffer	Not Supported
GL_SGIX_pixel_texture	Not Supported
GL_SGIX_pixel_texture_bits	Not Supported
GL_SGIX_reference_plane	Not Supported
GL_SGIX_resample	Not Supported
GL_SGIX_shadow	Not Supported
GL_SGIX_shadow_ambient	Not Supported
GL_SGIX_sprite	Not Supported
GL_SGIX_subsample	Not Supported
GL_SGIX_tag_sample_buffer	Not Supported
GL_SGIX_texture_add_env	Not Supported
GL_SGIX_texture_coordinate_clamp	Not Supported
GL_SGIX_texture_lod_bias	Not Supported
GL_SGIX_texture_multi_buffer	Not Supported
GL_SGIX_texture_range	Not Supported
GL_SGIX_texture_scale_bias	Not Supported
GL_SGIX_vertex_preclip	Not Supported
GL_SGIX_vertex_preclip_hint	Not Supported
GL_SGIX_ycrcb	Not Supported
GL_SGIX_ycrcb_subsample	Not Supported
GL_SUN_convolution_border_modes	Not Supported
GL_SUN_global_alpha	Not Supported
GL_SUN_mesh_array	Not Supported
GL_SUN_multi_draw_arrays	Supported
GL_SUN_read_video_pixels	Not Supported
GL_SUN_slice_accum	Not Supported
GL_SUN_triangle_list	Not Supported
GL_SUN_vertex	Not Supported
GL_SUNX_constant_data	Not Supported
GL_VIV_shader_binary	Not Supported
GL_WGL_ARB_extensions_string	Not Supported
GL_WGL_EXT_extensions_string	Not Supported
GL_WGL_EXT_swap_control	Not Supported
GL_WIN_phong_shading	Not Supported
GL_WIN_specular_fog	Not Supported

GL_WIN_swap_hint	Supported
GLU_EXT_nurbs_tessellator	Not Supported
GLU_EXT_object_space_tess	Not Supported
GLU_SGI_filter4_parameters	Not Supported
GLX_AMD_gpu_association	Not Supported
GLX_ARB_create_context	Not Supported
GLX_ARB_create_context_no_error	Not Supported
GLX_ARB_create_context_profile	Not Supported
GLX_ARB_create_context_robustness	Not Supported
GLX_ARB_fbconfig_float	Not Supported
GLX_ARB_framebuffer_sRGB	Not Supported
GLX_ARB_get_proc_address	Not Supported
GLX_ARB_multisample	Not Supported
GLX_ARB_robustness_application_isolation	Not Supported
GLX_ARB_robustness_share_group_isolation	Not Supported
GLX_ARB_vertex_buffer_object	Not Supported
GLX_EXT_buffer_age	Not Supported
GLX_EXT_create_context_es_profile	Not Supported
GLX_EXT_create_context_es2_profile	Not Supported
GLX_EXT_fbconfig_packed_float	Not Supported
GLX_EXT_framebuffer_sRGB	Not Supported
GLX_EXT_import_context	Not Supported
GLX_EXT_scene_marker	Not Supported
GLX_EXT_swap_control	Not Supported
GLX_EXT_swap_control_tear	Not Supported
GLX_EXT_texture_from_pixmap	Not Supported
GLX_EXT_visual_info	Not Supported
GLX_EXT_visual_rating	Not Supported
GLX_INTEL_swap_event	Not Supported
GLX_MESA_agp_offset	Not Supported
GLX_MESA_copy_sub_buffer	Not Supported
GLX_MESA_multithread_makecurrent	Not Supported
GLX_MESA_pixmap_colormap	Not Supported
GLX_MESA_query_renderer	Not Supported
GLX_MESA_release_buffers	Not Supported
GLX_MESA_set_3dfx_mode	Not Supported
GLX_MESA_swap_control	Not Supported
GLX_NV_copy_image	Not Supported
GLX_NV_delay_before_swap	Not Supported
GLX_NV_float_buffer	Not Supported
GLX_NV_multisample_coverage	Not Supported
GLX_NV_present_video	Not Supported
GLX_NV_swap_group	Not Supported
GLX_NV_video_capture	Not Supported
GLX_NV_video_out	Not Supported
GLX_NV_video_output	Not Supported
GLX_OML_interlace	Not Supported
GLX_OML_swap_method	Not Supported
GLX_OML_sync_control	Not Supported
GLX_SGI_cushion	Not Supported
GLX_SGI_make_current_read	Not Supported
GLX_SGI_swap_control	Not Supported
GLX_SGI_video_sync	Not Supported
GLX_SGIS_blended_overlay	Not Supported
GLX_SGIS_color_range	Not Supported
GLX_SGIS_multisample	Not Supported
GLX_SGIX_dm_buffer	Not Supported
GLX_SGIX_fbconfig	Not Supported
GLX_SGIX_hyperpipe	Not Supported
GLX_SGIX_pbuffer	Not Supported
GLX_SGIX_swap_barrier	Not Supported
GLX_SGIX_swap_group	Not Supported
GLX_SGIX_video_resize	Not Supported
GLX_SGIX_video_source	Not Supported
GLX_SGIX_visual_select_group	Not Supported
GLX_SUN_get_transparent_index	Not Supported
GLX_SUN_video_resize	Not Supported
WGL_3DFX_gamma_control	Not Supported

WGL_3DFX_multisample	Not Supported
WGL_3DL_stereo_control	Not Supported
WGL_AMD_gpu_association	Not Supported
WGL_AMDX_gpu_association	Not Supported
WGL_ARB_buffer_region	Supported
WGL_ARB_context_flush_control	Supported
WGL_ARB_create_context	Supported
WGL_ARB_create_context_no_error	Not Supported
WGL_ARB_create_context_profile	Supported
WGL_ARB_create_context_robustness	Supported
WGL_ARB_extensions_string	Supported
WGL_ARB_framebuffer_sRGB	Supported
WGL_ARB_make_current_read	Supported
WGL_ARB_multisample	Supported
WGL_ARB_pbuffer	Supported
WGL_ARB_pixel_format	Supported
WGL_ARB_pixel_format_float	Supported
WGL_ARB_render_texture	Not Supported
WGL_ARB_robustness_application_isolation	Supported
WGL_ARB_robustness_share_group_isolation	Supported
WGL_ATI_pbuffer_memory_hint	Not Supported
WGL_ATI_pixel_format_float	Not Supported
WGL_ATI_render_texture_rectangle	Not Supported
WGL_EXT_buffer_region	Not Supported
WGL_EXT_colorspace	Not Supported
WGL_EXT_create_context_es_profile	Supported
WGL_EXT_create_context_es2_profile	Supported
WGL_EXT_depth_float	Supported
WGL_EXT_display_color_table	Not Supported
WGL_EXT_extensions_string	Supported
WGL_EXT_framebuffer_sRGB	Not Supported
WGL_EXT_framebuffer_sRGBWGL_ARB_create_context	Not Supported
WGL_EXT_gamma_control	Not Supported
WGL_EXT_make_current_read	Not Supported
WGL_EXT_multisample	Not Supported
WGL_EXT_pbuffer	Not Supported
WGL_EXT_pixel_format	Not Supported
WGL_EXT_pixel_format_packed_float	Supported
WGL_EXT_render_texture	Not Supported
WGL_EXT_swap_control	Supported
WGL_EXT_swap_control_tear	Not Supported
WGL_EXT_swap_interval	Not Supported
WGL_I3D_digital_video_control	Not Supported
WGL_I3D_gamma	Not Supported
WGL_I3D_genlock	Not Supported
WGL_I3D_image_buffer	Not Supported
WGL_I3D_swap_frame_lock	Not Supported
WGL_I3D_swap_frame_usage	Not Supported
WGL_INTEL_cl_sharing	Not Supported
WGL_MTX_video_preview	Not Supported
WGL_NV_bridged_display	Not Supported
WGL_NV_copy_image	Not Supported
WGL_NV_delay_before_swap	Not Supported
WGL_NV_DX_interop	Supported
WGL_NV_DX_interop2	Supported
WGL_NV_float_buffer	Not Supported
WGL_NV_gpu_affinity	Not Supported
WGL_NV_multisample_coverage	Not Supported
WGL_NV_present_video	Not Supported
WGL_NV_render_depth_texture	Not Supported
WGL_NV_render_texture_rectangle	Not Supported
WGL_NV_swap_group	Not Supported
WGL_NV_texture_rectangle	Not Supported
WGL_NV_vertex_array_range	Not Supported
WGL_NV_video_capture	Not Supported
WGL_NV_video_output	Not Supported
WGL_NVX_DX_interop	Not Supported

WGL_OML_sync_control	Not Supported
WGL_S3_cl_sharingWGL_ARB_create_context_profile	Not Supported

Supported Compressed Texture Formats:

RGB DXT1	Supported
RGBA DXT1	Supported
RGBA DXT3	Supported
RGBA DXT5	Supported
RGB FXT1	Supported
RGBA FXT1	Supported
3Dc	Not Supported

Video Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

GPGPU

[Direct3D: Intel(R) UHD Graphics]

Device Properties:

Device Name	Intel(R) UHD Graphics
PCI Device	8086-8A56 / 1558-40D1 (Rev 07)
Dedicated Memory	128 MB
Driver Name	igdumdim32.dll
Driver Version	27.20.100.9126
Shader Model	SM 5.1
Max Threads	1024
Multiple UAV Access	64 UAVs
Thread Dispatch	3D
Thread Local Storage	32 KB

Device Features:

10-bit Precision Floating-Point	Not Supported
16-bit Precision Floating-Point	Supported
Append/Consume Buffers	Supported
Atomic Operations	Supported
Double-Precision Floating-Point	Not Supported
Gather4	Supported
Indirect Compute Dispatch	Supported
Map On Default Buffers	Supported

Device Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[OpenCL: Intel(R) UHD Graphics]

OpenCL Properties:

Platform Name	Intel(R) OpenCL HD Graphics
Platform Vendor	Intel(R) Corporation
Platform Version	OpenCL 3.0
Platform Profile	Full

Device Properties:

Device Name	Intel(R) UHD Graphics
Device Type	GPU
Device Vendor	Intel(R) Corporation
Device Version	OpenCL 3.0 NEO
Device Profile	Full
Driver Version	27.20.100.9126

OpenCL C Version	OpenCL C 3.0
Supported Built-In Kernels	block_motion_estimate_intel; block_advanced_motion_estimate_check_intel; block_advanced_motion_estimate_bidirectional_check_intel;
Supported SPIR Versions	1.2
Supported IL Versions	SPIR-V_1.2
Clock Rate	900 MHz
Compute Units / Cores	32 / 128
Address Space Size	32-bit
Max 2D Image Size	16384 x 16384
Max 3D Image Size	16384 x 16384 x 2048
Max Image Array Size	2048
Max Image Buffer Size	53687040
Max Samplers	16
Max Work-Item Size	256 x 256 x 256
Max Work-Group Size	256
Max Sub-Groups	32
Max Global Variable Size	64 KB
Preferred Global Variables Total Size	838860 KB
Max Argument Size	2 KB
Max Constant Buffer Size	838860 KB
Max Constant Arguments	8
Max Pipe Arguments	16
Max Printf Buffer Size	4 MB
Native ISA Vector Widths	char16, short8, int1, half8, float1, double1
Preferred Native Vector Widths	char16, short8, int4, long1, half8, float1, double1
Host Timer Resolution	100 ns
Profiling Timer Resolution	52 ns
OpenCL DLL	opencl.dll (3.0.1.0)

Memory Properties:

Global Memory	1638 MB
Global Memory Cache	768 KB (Read/Write, 64-byte line)
Local Memory	64 KB
Max Memory Object Allocation Size	838860 KB
Memory Base Address Alignment	1024-bit
Min Data Type Alignment	128 bytes
Image Row Pitch Alignment	4 pixels
Image Base Address Alignment	4 pixels
Preferred Platform Atomic Alignment	64 bytes
Preferred Global Atomic Alignment	64 bytes
Preferred Local Atomic Alignment	64 bytes

OpenCL Compliancy:

OpenCL 1.1	Yes (100%)
OpenCL 1.2	Yes (100%)
OpenCL 2.0	Yes (100%)

Device Features:

Command-Queue Out Of Order Execution	Enabled
Command-Queue Profiling	Enabled
Compiler Available	Yes
Error Correction	Not Supported
Images	Supported
Kernel Execution	Supported
Linker Available	Yes
Little-Endian Device	Yes
Native Kernel Execution	Not Supported
Sub-Group Independent Forward Progress	Supported
SVM Atomics	Not Supported
SVM Coarse Grain Buffer	Supported
SVM Fine Grain Buffer	Supported
SVM Fine Grain System	Not Supported
Thread Trace	Not Supported
Unified Memory	Yes

Half-Precision Floating-Point Capabilities:

Correctly Rounded Divide and Sqrt	Not Supported
Denorms	Supported

IEEE754-2008 FMA	Supported
INF and NaNs	Supported
Rounding to Infinity	Supported
Rounding to Nearest Even	Supported
Rounding to Zero	Supported
Software Basic Floating-Point Operations	No

Single-Precision Floating-Point Capabilities:

Correctly Rounded Divide and Sqrt	Not Supported
Denorms	Supported
IEEE754-2008 FMA	Supported
INF and NaNs	Supported
Rounding to Infinity	Supported
Rounding to Nearest Even	Supported
Rounding to Zero	Supported
Software Basic Floating-Point Operations	No

Double-Precision Floating-Point Capabilities:

Correctly Rounded Divide and Sqrt	Not Supported
Denorms	Not Supported
IEEE754-2008 FMA	Not Supported
INF and NaNs	Not Supported
Rounding to Infinity	Not Supported
Rounding to Nearest Even	Not Supported
Rounding to Zero	Not Supported
Software Basic Floating-Point Operations	No

Device Extensions:

Total / Supported Extensions	121 / 51
cl_altera_compiler_mode	Not Supported
cl_altera_device_temperature	Not Supported
cl_altera_live_object_tracking	Not Supported
cl_amd_bus_addressable_memory	Not Supported
cl_amd_c1x_atomics	Not Supported
cl_amd_compile_options	Not Supported
cl_amd_copy_buffer_p2p	Not Supported
cl_amd_core_id	Not Supported
cl_amd_d3d10_interop	Not Supported
cl_amd_d3d9_interop	Not Supported
cl_amd_device_attribute_query	Not Supported
cl_amd_device_board_name	Not Supported
cl_amd_device_memory_flags	Not Supported
cl_amd_device_persistent_memory	Not Supported
cl_amd_device_profiling_timer_offset	Not Supported
cl_amd_device_topology	Not Supported
cl_amd_event_callback	Not Supported
cl_amd_fp64	Not Supported
cl_amd_hsa	Not Supported
cl_amd_image2d_from_buffer_read_only	Not Supported
cl_amd_liquid_flash	Not Supported
cl_amd_media_ops	Not Supported
cl_amd_media_ops2	Not Supported
cl_amd_offline_devices	Not Supported
cl_amd_popcnt	Not Supported
cl_amd_predefined_macros	Not Supported
cl_amd_printf	Not Supported
cl_amd_svm	Not Supported
cl_amd_vec3	Not Supported
cl_apple_contextloggingfunctions	Not Supported
cl_apple_gl_sharing	Not Supported
cl_apple_setmemobjectdestructor	Not Supported
cl_arm_core_id	Not Supported
cl_arm_import_memory	Not Supported
cl_arm_import_memory_dma_buf	Not Supported
cl_arm_import_memory_host	Not Supported
cl_arm_integer_dot_product_int8	Not Supported
cl_arm_non_uniform_work_group_size	Not Supported

cl_arm_printf	Not Supported
cl_arm_thread_limit_hint	Not Supported
cl_ext_atomic_counters_32	Not Supported
cl_ext_atomic_counters_64	Not Supported
cl_ext_device_fission	Not Supported
cl_ext_migrate_memobject	Not Supported
cl_intel_accelerator	Supported
cl_intel_advanced_motion_estimation	Supported
cl_intel_ctz	Not Supported
cl_intel_d3d11_nv12_media_sharing	Supported
cl_intel_device_partition_by_names	Not Supported
cl_intel_device_side_avc_motion_estimation	Supported
cl_intel_driver_diagnostics	Supported
cl_intel_dx9_media_sharing	Supported
cl_intel_exec_by_local_thread	Not Supported
cl_intel_media_block_io	Supported
cl_intel_mem_force_host_memory	Supported
cl_intel_motion_estimation	Supported
cl_intel_packed_yuv	Supported
cl_intel_planar_yuv	Supported
cl_intel_printf	Not Supported
cl_intel_required_subgroup_size	Supported
cl_intel_simultaneous_sharing	Supported
cl_intel_spirv_device_side_avc_motion_estimation	Supported
cl_intel_spirv_media_block_io	Supported
cl_intel_spirv_subgroups	Supported
cl_intel_subgroup_local_block_io	Supported
cl_intel_subgroups	Supported
cl_intel_subgroups_char	Supported
cl_intel_subgroups_long	Supported
cl_intel_subgroups_short	Supported
cl_intel_thread_local_exec	Not Supported
cl_intel_unified_shared_memory_preview	Supported
cl_intel_unified_sharing	Supported
cl_intel_va_api_media_sharing	Not Supported
cl_intel_vec_len_hint	Not Supported
cl_intel_visual_analytics	Not Supported
cl_khr_3d_image_writes	Supported
cl_khr_byte_addressable_store	Supported
cl_khr_context_abort	Not Supported
cl_khr_create_command_queue	Supported
cl_khr_d3d10_sharing	Supported
cl_khr_d3d11_sharing	Supported
cl_khr_depth_images	Supported
cl_khr_dx9_media_sharing	Supported
cl_khr_egl_event	Not Supported
cl_khr_egl_image	Not Supported
cl_khr_fp16	Supported
cl_khr_fp64	Not Supported
cl_khr_gl_depth_images	Supported
cl_khr_gl_event	Supported
cl_khr_gl_msaa_sharing	Supported
cl_khr_gl_sharing	Supported
cl_khr_global_int32_base_atomics	Supported
cl_khr_global_int32_extended_atomics	Supported
cl_khr_icd	Supported
cl_khr_il_program	Supported
cl_khr_image2d_from_buffer	Supported
cl_khr_initialize_memory	Not Supported
cl_khr_int64_base_atomics	Supported
cl_khr_int64_extended_atomics	Supported
cl_khr_local_int32_base_atomics	Supported
cl_khr_local_int32_extended_atomics	Supported
cl_khr_mipmap_image	Supported
cl_khr_mipmap_image_writes	Supported
cl_khr_priority_hints	Supported
cl_khr_select_fprounding_mode	Not Supported
cl_khr_spir	Supported

cl_khr_spirv_no_integer_wrap_decoration	Supported
cl_khr_srgb_image_writes	Not Supported
cl_khr_subgroups	Supported
cl_khr_terminate_context	Not Supported
cl_khr_throttle_hints	Supported
cl_nv_compiler_options	Not Supported
cl_nv_copy_opts	Not Supported
cl_nv_create_buffer	Not Supported
cl_nv_d3d10_sharing	Not Supported
cl_nv_d3d11_sharing	Not Supported
cl_nv_d3d9_sharing	Not Supported
cl_nv_device_attribute_query	Not Supported
cl_nv_pragma_unroll	Not Supported
cl_qcom_ext_host_ptr	Not Supported
cl_qcom_ion_host_ptr	Not Supported

Device Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

Vulkan

[Intel(R) UHD Graphics]

Device Properties:

Device Name	Intel(R) UHD Graphics
Device Type	Integrated GPU
Device UUID	97-11-94-14-9E-16-A0-1A-99-14-9A-18-9C-1D-98-28
PCI Device	8086-8A56
Memory Size	4184092 KB
Max 1D Image Size	16384
Max 2D Image Size	16384 x 16384
Max 3D Image Size	2048 x 2048 x 2048
Max Cube Image Size	16384 x 16384
Max Image Layers	2048
Max Texel Buffer Elements	134217728
Max Uniform Buffer Range	4294967295
Max Storage Buffer Range	4294967295
Max Push Constants Size	256 bytes
Max Memory Allocation Count	1046023
Max Sampler Allocation Count	4000
Buffer Image Granularity	1 bytes
Sparse Address Space Size	17523466567680 bytes
Max Bound Descriptor Sets	8
Max Per-Stage Descriptor Samplers	64
Max Per-Stage Descriptor Uniform Buffers	200
Max Per-Stage Descriptor Storage Buffers	200
Max Per-Stage Descriptor Sampled Images	200
Max Per-Stage Descriptor Storage Images	16
Max Per-Stage Descriptor Input Attachments	7
Max Per-Stage Resources	200
Max Descriptor Set Samplers	576
Max Descriptor Set Uniform Buffers	1800
Max Descriptor Set Dynamic Uniform Buffers	16
Max Descriptor Set Storage Buffers	1800
Max Descriptor Set Dynamic Storage Buffers	16
Max Descriptor Set Sampled Images	1800
Max Descriptor Set Storage Images	144
Max Descriptor Set Input Attachments	7
Max Vertex Input Attributes	32
Max Vertex Input Bindings	32
Max Vertex Input Attribute Offset	2047
Max Vertex Input Binding Stride	4095

Max Vertex Output Components	128
Max Tesselation Generation Level	64
Max Tesselation Patch Size	32
Max Tesselation Control Per-Vertex Input Components	128
Max Tesselation Control Per-Vertex Output Components	128
Max Tesselation Control Per-Patch Output Components	120
Max Tesselation Control Total Output Components	4096
Max Tesselation Evaluation Input Components	128
Max Tesselation Evaluation Output Components	128
Max Geometry Shader Invocations	32
Max Geometry Input Components	128
Max Geometry Output Components	128
Max Geometry Output Vertices	256
Max Geometry Total Output Components	1024
Max Fragment Input Components	128
Max Fragment Output Attachments	8
Max Fragment DualSrc Attachments	1
Max Fragment Combined Output Resources	16
Max Compute Shared Memory Size	32768 bytes
Max Compute Work Group Count	X: 65536, Y: 65536, Z: 65536
Max Compute Work Group Invocations	1024
Max Compute Work Group Size	X: 1024, Y: 1024, Z: 64
Subpixel Precision Bits	8
Subtexel Precision Bits	8
Mipmap Precision Bits	8
Max Draw Indexed Index Value	4294967295
Max Draw Indirect Count	4294967295
Max Sampler LOD Bias	16.000000
Max Sampler Anisotropy	16.000000
Max Viewports	16
Max Viewport Size	32768 x 32768
Viewport Bounds Range	-65536.000000 ... 65535.000000
Viewport Subpixel Bits	8
Min Memory Map Alignment	64 bytes
Min Texel Buffer Offset Alignment	64 bytes
Min Uniform Buffer Offset Alignment	64 bytes
Min Storage Buffer Offset Alignment	64 bytes
Min / Max Texel Offset	-8 / 7
Min / Max Texel Gather Offset	-32 / 31
Min / Max Interpolation Offset	-0.500000 / 0.437500
Subpixel Interpolation Offset Bits	4
Max Framebuffer Size	16384 x 16384
Max Framebuffer Layers	2048
Framebuffer Color Sample Counts	0x0000001F
Framebuffer Depth Sample Counts	0x0000001F
Framebuffer Stencil Sample Counts	0x0000001F
Framebuffer No Attachments Sample Counts	0x0000001F
Max Color Attachments	8
Sampled Image Color Sample Counts	0x0000001F
Sampled Image Integer Sample Counts	0x0000001F
Sampled Image Depth Sample Counts	0x0000001F
Sampled Image Stencil Sample Counts	0x0000001F
Storage Image Sample Counts	0x0000001F
Max Sample Mask Words	1
Timestamp Period	52.083332 ns
Max Clip Distances	8
Max Cull Distances	8
Max Combined Clip and Cull Distances	8
Discrete Queue Priorities	2
Point Size Range	0.125000 ... 255.875000
Line Width Range	0.000000 ... 7.992188
Point Size Granularity	0.125000
Line Width Granularity	0.007813
Optimal Buffer Copy Offset Alignment	64 bytes
Optimal Buffer Copy Row Pitch Alignment	64 bytes
Non-Coherent Atom Size	1 bytes
Driver Version	0.402.934

API Version	1.2.162
Vulkan DLL	C:\Windows\system32\vulkan-1.dll (1.2.148.1)

Device Features:

Alpha To One	Supported
Anisotropic Filtering	Supported
ASTC LDR Texture Compression	Supported
BC Texture Compression	Supported
Depth Bias Clamping	Supported
Depth Bounds Tests	Not Supported
Depth Clamping	Supported
Draw Indirect First Instance	Supported
Dual Source Blend Operations	Supported
ETC2 and EAC Texture Compression	Supported
Fragment Stores and Atomics	Supported
Full Draw Index Uint32	Supported
Geometry Shader	Supported
Image Cube Array	Supported
Independent Blend	Supported
Inherited Queries	Supported
Large Points	Supported
Logic Operations	Supported
Multi-Draw Indirect	Supported
Multi Viewport	Supported
Occlusion Query Precise	Supported
Pipeline Statistics Query	Supported
Point and Wireframe Fill Modes	Supported
Robust Buffer Access	Supported
Sample Rate Shading	Supported
Shader Clip Distance	Supported
Shader Cull Distance	Supported
Shader Float64	Not Supported
Shader Image Gather Extended	Supported
Shader Int16	Supported
Shader Int64	Not Supported
Shader Resource Min LOD	Not Supported
Shader Resource Residency	Supported
Shader Sampled Image Array Dynamic Indexing	Supported
Shader Storage Buffer Array Dynamic Indexing	Supported
Shader Storage Image Array Dynamic Indexing	Supported
Shader Storage Image Extended Formats	Supported
Shader Storage Image Multisample	Supported
Shader Storage Image Read Without Format	Not Supported
Shader Storage Image Write Without Format	Supported
Shader Tesselation and Geometry Point Size	Supported
Shader Uniform Buffer Array Dynamic Indexing	Supported
Sparse Binding	Supported
Sparse Residency 2 Samples	Supported
Sparse Residency 4 Samples	Supported
Sparse Residency 8 Samples	Supported
Sparse Residency 16 Samples	Supported
Sparse Residency Aliased	Supported
Sparse Residency Aligned Mip Size	No
Sparse Residency Buffer	Supported
Sparse Residency Image 2D	Supported
Sparse Residency Image 3D	Supported
Sparse Residency Non-Resident Strict	Yes
Sparse Residency Standard 2D Block Shape	Yes
Sparse Residency Standard 2D Multisample Block Shape	Yes
Sparse Residency Standard 3D Block Shape	Yes
Standard Sample Locations	Yes
Strict Line Rasterization	No
Tesselation Shader	Supported
Timestamps on All Graphics and Compute Queues	Supported
Variable Multisample Rate	Supported
Vertex Pipeline Stores and Atomics	Supported
Wide Lines	Supported

Queue:

Queue Count	1
Timestamp Valid Bits	36
Min Image Transfer Granularity	1 x 1 x 1
Compute Operations	Supported
Graphics Operations	Supported
Sparse Memory Management Operations	Supported
Transfer Operations	Supported

Memory Heap:

Heap Type	Local
Heap Size	2092046 KB
Host Cached	No
Host Coherent	No
Host Visible	No
Lazily Allocated	No

Memory Heap:

Heap Type	Local
Heap Size	2092046 KB
Host Cached	Yes
Host Coherent	Yes
Host Visible	Yes
Lazily Allocated	No

Device Extensions:

VK_EXT_buffer_device_address	Supported
VK_EXT_conditional_rendering	Supported
VK_EXT_conservative_rasterization	Supported
VK_EXT_custom_border_color	Supported
VK_EXT_depth_clip_enable	Supported
VK_EXT_descriptor_indexing	Supported
VK_EXT_extended_dynamic_state	Supported
VK_EXT_external_memory_host	Supported
VK_EXT_fragment_shader_interlock	Supported
VK_EXT_full_screen_exclusive	Supported
VK_EXT_host_query_reset	Supported
VK_EXT_index_type_uint8	Supported
VK_EXT_inline_uniform_block	Supported
VK_EXT_line_rasterization	Supported
VK_EXT_memory_budget	Supported
VK_EXT_pipeline_creation_cache_control	Supported
VK_EXT_pipeline_creation_feedback	Supported
VK_EXT_post_depth_coverage	Supported
VK_EXT_robustness2	Supported
VK_EXT_sample_locations	Supported
VK_EXT_sampler_filter_minmax	Supported
VK_EXT_scalar_block_layout	Supported
VK_EXT_separate_stencil_usage	Supported
VK_EXT_shader_atomic_float	Supported
VK_EXT_shader_demote_to_helper_invocation	Supported
VK_EXT_shader_stencil_export	Supported
VK_EXT_shader_subgroup_ballot	Supported
VK_EXT_shader_subgroup_vote	Supported
VK_EXT_shader_viewport_index_layer	Supported
VK_EXT_subgroup_size_control	Supported
VK_EXT_texel_buffer_alignment	Supported
VK_EXT_transform_feedback	Supported
VK_EXT_vertex_attribute_divisor	Supported
VK_INTEL_performance_query	Supported
VK_KHR_16bit_storage	Supported
VK_KHR_8bit_storage	Supported
VK_KHR_bind_memory2	Supported
VK_KHR_buffer_device_address	Supported
VK_KHR_create_renderpass2	Supported
VK_KHR_dedicated_allocation	Supported

VK_KHR_depth_stencil_resolve	Supported
VK_KHR_descriptor_update_template	Supported
VK_KHR_device_group	Supported
VK_KHR_draw_indirect_count	Supported
VK_KHR_driver_properties	Supported
VK_KHR_external_fence	Supported
VK_KHR_external_fence_win32	Supported
VK_KHR_external_memory	Supported
VK_KHR_external_memory_win32	Supported
VK_KHR_external_semaphore	Supported
VK_KHR_external_semaphore_win32	Supported
VK_KHR_get_memory_requirements2	Supported
VK_KHR_image_format_list	Supported
VK_KHR_imageless_framebuffer	Supported
VK_KHR_maintenance1	Supported
VK_KHR_maintenance2	Supported
VK_KHR_maintenance3	Supported
VK_KHR_multiview	Supported
VK_KHR_pipeline_executable_properties	Supported
VK_KHR_push_descriptor	Supported
VK_KHR_relaxed_block_layout	Supported
VK_KHR_sampler_mirror_clamp_to_edge	Supported
VK_KHR_separate_depth_stencil_layouts	Supported
VK_KHR_shader_clock	Supported
VK_KHR_shader_draw_parameters	Supported
VK_KHR_shader_float_controls	Supported
VK_KHR_shader_float16_int8	Supported
VK_KHR_shader_non_semantic_info	Supported
VK_KHR_shader_subgroup_extended_types	Supported
VK_KHR_spirv_1_4	Supported
VK_KHR_storage_buffer_storage_class	Supported
VK_KHR_swapchain	Supported
VK_KHR_swapchain_mutable_format	Supported
VK_KHR_timeline_semaphore	Supported
VK_KHR_uniform_buffer_standard_layout	Supported
VK_KHR_variable_pointers	Supported
VK_KHR_vulkan_memory_model	Supported
VK_KHR_win32_keyed_mutex	Supported
VK_NV_device_diagnostic_checkpoints	Supported

Instance Extensions:

VK_EXT_debug_report	Supported
VK_EXT_debug_utils	Supported
VK_EXT_swapchain_colorspace	Supported
VK_KHR_device_group_creation	Supported
VK_KHR_external_fence_capabilities	Supported
VK_KHR_external_memory_capabilities	Supported
VK_KHR_external_semaphore_capabilities	Supported
VK_KHR_get_physical_device_properties2	Supported
VK_KHR_get_surface_capabilities2	Supported
VK_KHR_surface	Supported
VK_KHR_win32_surface	Supported

Device Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

Windows Audio

Device	Identifier	Device Description
midi-out.0	0001 001B	Microsoft GS Wavetable Synth
mixer.0	0001 0068	Hoparlör (Realtek(R) Audio)
mixer.1	0001 0068	Mikrofon (Realtek(R) Audio)

wave-in.0	0001 0065	Mikrofon (Realtek(R) Audio)
wave-out.0	0001 0064	Hoparlör (Realtek(R) Audio)

PCI / PnP Audio

Device Description	Type
Intel Ice Point HDMI @ Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)	PCI
Realtek ALC293 @ Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)	PCI

HD Audio

[Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)]

Device Properties:

Device Description	Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)
Device Description (Windows)	High Definition Audio Denetleyicisi
Bus Type	PCI
Bus / Device / Function	0 / 31 / 3
Device ID	8086-34C8
Subsystem ID	1558-40D1
Revision	30
Hardware ID	PCI\VEN_8086&DEV_34C8&SUBSYS_40D11558&REV_30

Device Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Realtek ALC293]

Device Properties:

Device Description	Realtek ALC293
Device Description (Windows)	Realtek(R) Audio
Device Type	Audio
Bus Type	HDAUDIO
Device ID	10EC-0293
Subsystem ID	1558-40D1
Revision	1000
Hardware ID	HDAUDIO\FUNC_01&VEN_10EC&DEV_0293&SUBSYS_155840D1&REV_1000

Device Manufacturer:

Company Name	Realtek Semiconductor Corp.
Product Information	https://www.realtek.com/products
Driver Download	https://www.realtek.com/downloads
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Intel Ice Point HDMI]

Device Properties:

Device Description	Intel Ice Point HDMI
Device Description (Windows)	Intel(R) Ekran Ýçin Ses
Device Type	Audio
Bus Type	HDAUDIO
Device ID	8086-280F
Subsystem ID	8086-0101
Revision	1000
Hardware ID	HDAUDIO\FUNC_01&VEN_8086&DEV_280F&SUBSYS_80860101&REV_1000

Device Manufacturer:

Company Name	Intel Corporation

Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
Driver Update	http://www.aida64.com/goto/?p=drvupdates

Windows Storage

[KINGSTON SA400M8240G]

Device Properties:

Driver Description	KINGSTON SA400M8240G
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	disk.inf
INF Section	disk_install.NT

[Realtek PCIE CardReader]

Device Properties:

Driver Description	Realtek PCIE CardReader
Driver Date	8.09.2020
Driver Version	10.0.19041.21339
Driver Provider	Realtek Semiconductor Corp.
INF File	oem67.inf
INF Section	RTL8411B.Inst.NTamd64

Device Resources:

IRQ	65536
Memory	758FF000-758FFFFF

[Intel(R) Chipset SATA/PCIe RST Premium Controller]

Device Properties:

Driver Description	Intel(R) Chipset SATA/PCIe RST Premium Controller
Driver Date	2.06.2020
Driver Version	17.9.1.1009
Driver Provider	Intel Corporation
INF File	oem57.inf
INF Section	RAID_inst.NTamd64

Device Resources:

IRQ	65536
Memory	75900000-7597FFFF
Memory	75990000-75997FFF
Memory	75999000-759990FF
Port	4060-407F
Port	4080-4087
Port	4088-408B

[Microsoft Depolama Alanlarý Denetleyicisi]

Device Properties:

Driver Description	Microsoft Storage Spaces Controller
Driver Date	21.06.2006
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	spaceport.inf
INF Section	Spaceport_Install

Logical Drives

Drive	Drive Type	File System	Total Size	Used Space	Free Space	% Free	Volume Serial
[TRIAL VERSION]	Local Disk	NTFS	[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]	[TRIAL VERSION]

Physical Drives

[Drive #1 - KINGSTON SA400M8240G (50026B7683F5E0A8) [223 GB] C:]

Partition	Partition Type	Drive	Start Offset	Partition Length
#1	EFI System		1 MB	100 MB
#2	MS Reserved		101 MB	16 MB
#3	Basic Data	C:	117 MB	228213 MB
#4	MS Recovery		228330 MB	605 MB

ASPI

Host	ID	LUN	Device Type	Vendor	Model	Rev	Extra Information
00	02	00	Disk Drive	KINGSTON		SBFK	
00	07	00	Host Adapter	iaStorAC			

ATA

[KINGSTON SA400M8240G (50026B7683F5E0A8)]

ATA Device Properties:

Model ID	KINGSTON SA400M8240G
Serial Number	50026B7683F5E0A8
Revision	SBFK61E1
World Wide Name	5-0026B7-683F5E0A8
Device Type	SATA-III
Parameters	465141 cylinders, 16 heads, 63 sectors per track, 512 bytes per sector
LBA Sectors	468862128
Physical / Logical Sector Size	512 bytes / 512 bytes
Multiple Sectors	1
Max. PIO Transfer Mode	PIO 4
Max. MWDMA Transfer Mode	MWDMA 2
Max. UDMA Transfer Mode	UDMA 6
Active UDMA Transfer Mode	UDMA 6
Unformatted Capacity	228937 MB
Rotational Speed	SSD

ATA Device Features:

48-bit LBA	Supported, Enabled
Automatic Acoustic Management (AAM)	Not Supported
Device Configuration Overlay (DCO)	Not Supported
DMA Setup Auto-Activate	Supported, Enabled
Free-Fall Control	Not Supported
General Purpose Logging (GPL)	Supported, Enabled
Hardware Feature Control	Not Supported
Host Protected Area (HPA)	Supported, Enabled
HPA Security Extensions	Not Supported
Hybrid Information Feature	Not Supported
In-Order Data Delivery	Not Supported
Native Command Queuing (NCQ)	Supported
NCQ Autosense	Not Supported
NCQ Priority Information	Not Supported
NCQ Queue Management Command	Not Supported
NCQ Streaming	Not Supported

Phy Event Counters	Supported
Read Look-Ahead	Supported, Enabled
Release Interrupt	Not Supported
Security Mode	Supported, Disabled
Sense Data Reporting (SDR)	Not Supported
Service Interrupt	Not Supported
SMART	Supported, Enabled
SMART Error Logging	Not Supported
SMART Self-Test	Not Supported
Software Settings Preservation (SSP)	Supported, Enabled
Streaming	Not Supported
Tagged Command Queuing (TCQ)	Not Supported
Write Cache	Supported, Enabled
Write-Read-Verify	Not Supported

SSD Features:

Data Set Management	Supported
Deterministic Read After TRIM	Not Supported
TRIM Command	Supported

Power Management Features:

Advanced Power Management	Supported, Enabled
Automatic Partial to Slumber Transitions (APST)	Disabled
Device Initiated Interface Power Management (DIPM)	Supported, Enabled
Device Sleep (DEVSLP)	Not Supported
Extended Power Conditions (EPC)	Not Supported
Host Initiated Interface Power Management (HIPM)	Not Supported
IDLE IMMEDIATE With UNLOAD FEATURE	Not Supported
Link Power State Device Sleep	Not Supported
Power Management	Supported, Enabled
Power-Up In Standby (PUIS)	Not Supported

ATA Commands:

DEVICE RESET	Not Supported
DOWNLOAD MICROCODE	Supported, Enabled
FLUSH CACHE	Supported, Enabled
FLUSH CACHE EXT	Supported, Enabled
NOP	Supported, Enabled
READ BUFFER	Supported, Enabled
WRITE BUFFER	Supported, Enabled

SSD Physical Info:

Manufacturer	Kingston
SSD Family	A400
Form Factor	M.2 2280
Formatted Capacity	240 GB
Controller Type	Phison PS3111-S11
Flash Memory Type	Toshiba 15nm TLC NAND
Physical Dimensions	80 x 22 x 1.35 mm
Max. Weight	6.7 g
Max. Sequential Read Speed	500 MB/s
Max. Sequential Write Speed	350 MB/s
Interface	SATA-III
Interface Data Rate	600 MB/s

Device Manufacturer:

Company Name	Kingston Technology Corporation
Product Information	http://www.kingston.com/en/ssd
Driver Update	http://www.aida64.com/goto/?p=drvupdates

SMART

[KINGSTON SA400M8240G (50026B7683F5E0A8)]

ID	Attribute Description	Threshold	Value	Worst	Data	Status
01	Raw Read Error Rate	0	0	100	0	OK: Always passes
09	Power-On Hours Count	0	100	100	1031	OK: Always passes
0C	Power Cycle Count	0	100	100	1157	OK: Always passes
94	<vendor-specific>	0	100	100	0	OK: Always passes
95	<vendor-specific>	0	100	100	0	OK: Always passes
A7	<vendor-specific>	0	100	100	0	OK: Always passes
A8	SATA PHY Error Count	0	100	100	0	OK: Always passes
A9	<vendor-specific>	0	100	100	4	OK: Always passes
AA	Bad Block Count (Early / Later)	10	100	100	10 / 0	OK: Value is normal
AC	<vendor-specific>	0	100	100	0	OK: Always passes
AD	Erase Count (Average / Max)	0	100	100	23 / 28	OK: Always passes
B5	<vendor-specific>	0	100	100	0	OK: Always passes
B6	<vendor-specific>	0	100	100	0	OK: Always passes
BB	Reported Uncorrectable Errors	0	100	100	0	OK: Always passes
C0	Unsafe Shutdown Count	0	100	100	233	OK: Always passes
C2	Temperature	0	72	55	45, 19, 28	OK: Always passes
C4	Later Bad Block Count	0	100	100	0	OK: Always passes
C7	CRC Error Count	0	100	100	0	OK: Always passes
DA	CRC Error Count	0	100	100	1	OK: Always passes
E7	SSD Life Left	0	3	3	97%	OK: Always passes
E9	Lifetime Writes to Flash	0	100	100	4.36 TB	OK: Always passes
F1	Host Writes (Sector Unit)	0	100	100	4.86 TB	OK: Always passes
F2	Host Reads (Sector Unit)	0	100	100	4.90 TB	OK: Always passes
F4	Average Erase Count	0	100	100	23	OK: Always passes
F5	Max Erase Count	0	100	100	28	OK: Always passes
F6	Total Erase Count	0	100	100	503888	OK: Always passes

Windows Network

[Intel(R) Wireless-AC 9462]

Network Adapter Properties:

Network Adapter	Intel(R) Wireless-AC 9462
Interface Type	802.11 Wireless Ethernet
Hardware Address	A4-B1-C1-54-58-D5
Connection Name	Wi-Fi
Connection Speed	72200 kbps
MTU	1500 bytes
DHCP Lease Obtained	16.02.2022 22:03:25
DHCP Lease Expires	16.02.2022 23:03:25
Bytes Received	79936894 (76.2 MB)
Bytes Sent	2585192 (2.5 MB)

Network Adapter Addresses:

IP / Subnet Mask	[TRIAL VERSION]
Gateway	[TRIAL VERSION]
DHCP	[TRIAL VERSION]
DNS	[TRIAL VERSION]

WLAN Properties:

Network Type	Infrastructure
SSID	FiberHGW_TPD056_2.4GHz
BSSID	CC-68-B6-3C-D0-54
Authentication Algorithm	WPA2-PSK
Cipher Algorithm	CCMP
Channel	11 (2462 MHz)
Transmit Rate	72200 kbps
Receive Rate	72200 kbps

Network Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/content/www/us/en/products/network-io.html
Driver Download	https://www.intel.com/support/network

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Microsoft Wi-Fi Direct Virtual Adapter #2]

Network Adapter Properties:

Network Adapter	Microsoft Wi-Fi Direct Virtual Adapter #2
Interface Type	802.11 Wireless Ethernet
Hardware Address	A6-B1-C1-54-58-D5
Connection Name	Yerel Að Baðlantýsý* 10
MTU	1500 bytes
Bytes Received	0
Bytes Sent	0

WLAN Properties:

Network Type	Infrastructure

[Microsoft Wi-Fi Direct Virtual Adapter]

Network Adapter Properties:

Network Adapter	Microsoft Wi-Fi Direct Virtual Adapter
Interface Type	802.11 Wireless Ethernet
Hardware Address	A4-B1-C1-54-58-D6
Connection Name	Yerel Að Baðlantýsý* 1
MTU	1500 bytes
Bytes Received	0
Bytes Sent	0

[Realtek(R) PCI(e) Ethernet Controller]

Network Adapter Properties:

Network Adapter	Realtek(R) PCI(e) Ethernet Controller
Interface Type	Ethernet
Hardware Address	80-FA-5B-8D-4C-34
Connection Name	Ethernet
MTU	1500 bytes
Bytes Received	0
Bytes Sent	0

PCI / PnP Network

Device Description	Type
Intel Wireless-AC 9462 Wireless Network Adapter	PCI
Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter	PCI

DirectX Video

[Birincil Ekran Sürücüsü]

DirectDraw Device Properties:

DirectDraw Driver Name	display
DirectDraw Driver Description	Birincil Ekran Sürücüsü
Hardware Driver	igdumdim32.dll
Hardware Description	Intel(R) UHD Graphics

Direct3D Device Properties:

Rendering Bit Depths	8, 16, 32
Z-Buffer Bit Depths	16, 24, 32
Multisample Anti-Aliasing Modes	MSAA 2x, MSAA 4x, MSAA 8x
Min Texture Size	1 x 1
Max Texture Size	8192 x 8192
Unified Shader Version	5.1

DirectX Hardware Support	DirectX v11.1

Direct3D Device Features:

Additive Texture Blending	Supported
AGP Texturing	Not Supported
Anisotropic Filtering	Supported
Automatic Mipmap Generation	Supported
Bilinear Filtering	Supported
Compute Shader	Supported
Cubic Environment Mapping	Supported
Cubic Filtering	Not Supported
Decal-Alpha Texture Blending	Supported
Decal Texture Blending	Supported
Directional Lights	Supported
DirectX Texture Compression	Not Supported
DirectX Volumetric Texture Compression	Not Supported
Dithering	Supported
Dot3 Texture Blending	Supported
Double-Precision Floating-Point	Not Supported
Driver Concurrent Creates	Supported
Driver Command Lists	Not Supported
Dynamic Textures	Supported
Edge Anti-Aliasing	Not Supported
Environmental Bump Mapping	Supported
Environmental Bump Mapping + Luminance	Supported
Factor Alpha Blending	Supported
Geometric Hidden-Surface Removal	Not Supported
Geometry Shader	Supported
Guard Band	Supported
Hardware Scene Rasterization	Supported
Hardware Transform & Lighting	Supported
Legacy Depth Bias	Supported
Map On Default Buffers	Supported
Mipmap LOD Bias Adjustments	Supported
Mipmapped Cube Textures	Supported
Mipmapped Volume Textures	Supported
Modulate-Alpha Texture Blending	Supported
Modulate Texture Blending	Supported
Non-Square Textures	Supported
N-Patches	Not Supported
Perspective Texture Correction	Supported
Point Lights	Supported
Point Sampling	Supported
Projective Textures	Supported
Quintic Bezier Curves & B-Splines	Not Supported
Range-Based Fog	Supported
Rectangular & Triangular Patches	Not Supported
Rendering In Windowed Mode	Supported
Runtime Shader Linking	Supported
Scissor Test	Supported
Slope-Scale Based Depth Bias	Supported
Specular Flat Shading	Supported
Specular Gouraud Shading	Supported
Specular Phong Shading	Not Supported
Spherical Mapping	Supported
Spot Lights	Supported
Stencil Buffers	Supported
Sub-Pixel Accuracy	Supported
Subtractive Texture Blending	Supported
Table Fog	Supported
Texture Alpha Blending	Supported
Texture Clamping	Supported
Texture Mirroring	Supported
Texture Transparency	Supported
Texture Wrapping	Supported
Tiled Resources	Supported
Triangle Culling	Not Supported
Trilinear Filtering	Supported

Two-Sided Stencil Test	Supported
Vertex Alpha Blending	Supported
Vertex Fog	Supported
Vertex Tweening	Supported
Volume Textures	Supported
W-Based Fog	Supported
W-Buffering	Not Supported
Z-Based Fog	Supported
Z-Bias	Supported
Z-Test	Supported

Supported FourCC Codes:

AI44	Supported
AYUV	Supported
I420	Supported
IA44	Supported
IMC1	Supported
IMC2	Supported
IMC3	Supported
IMC4	Supported
IYUV	Supported
NV11	Supported
NV12	Supported
P010	Supported
P016	Supported
P208	Supported
UYVY	Supported
VYUY	Supported
Y210	Supported
Y216	Supported
Y410	Supported
Y416	Supported
YUY2	Supported
YV12	Supported
YVU9	Supported
YVYU	Supported

Video Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

DirectX Sound

[Birincil Ses Sürücüsü]

DirectSound Device Properties:

Device Description	Birincil Ses Sürücüsü
Driver Module	
Primary Buffers	1
Min / Max Secondary Buffers Sample Rate	100 / 200000 Hz
Primary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Secondary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Total / Free Sound Buffers	1 / 0
Total / Free Static Sound Buffers	1 / 0
Total / Free Streaming Sound Buffers	1 / 0
Total / Free 3D Sound Buffers	0 / 0
Total / Free 3D Static Sound Buffers	0 / 0
Total / Free 3D Streaming Sound Buffers	0 / 0

DirectSound Device Features:

Certified Driver	No
Emulated Device	No
Precise Sample Rate	Supported

DirectSound3D	Not Supported
Creative EAX 1.0	Not Supported
Creative EAX 2.0	Not Supported
Creative EAX 3.0	Not Supported
Creative EAX 4.0	Not Supported
Creative EAX 5.0	Not Supported
I3DL2	Not Supported
Sensaura ZoomFX	Not Supported

[Hoparlör (Realtek(R) Audio)]

DirectSound Device Properties:

Device Description	Hoparlör (Realtek(R) Audio)
Driver Module	{0.0.0.00000000}.{89d1db4f-f259-486d-9b3b-8ec418b457ae}
Primary Buffers	1
Min / Max Secondary Buffers Sample Rate	100 / 200000 Hz
Primary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Secondary Buffers Sound Formats	8-bit, 16-bit, Mono, Stereo
Total / Free Sound Buffers	1 / 0
Total / Free Static Sound Buffers	1 / 0
Total / Free Streaming Sound Buffers	1 / 0
Total / Free 3D Sound Buffers	0 / 0
Total / Free 3D Static Sound Buffers	0 / 0
Total / Free 3D Streaming Sound Buffers	0 / 0

DirectSound Device Features:

Certified Driver	No
Emulated Device	No
Precise Sample Rate	Supported
DirectSound3D	Not Supported
Creative EAX 1.0	Not Supported
Creative EAX 2.0	Not Supported
Creative EAX 3.0	Not Supported
Creative EAX 4.0	Not Supported
Creative EAX 5.0	Not Supported
I3DL2	Not Supported
Sensaura ZoomFX	Not Supported

Windows Devices

[Devices]

Að baðdaþtýrýcýlarý:

Intel(R) Wireless-AC 9462	22.20.0.6
Microsoft Kernel Debug Network Adapter	10.0.22000.1
Microsoft Wi-Fi Direct Virtual Adapter #2	10.0.22000.1
Microsoft Wi-Fi Direct Virtual Adapter	10.0.22000.1
Realtek PCIe GbE Family Controller	10.43.723.2020

Bellek teknolojisi cihazlarý:

Realtek PCIE CardReader	10.0.19041.21339

Bilgisayar:

ACPI x64 tabanlý bilgisayar	10.0.22000.1

Bluetooth:

Intel(R) Wireless Bluetooth(R)	22.70.2.1

Depolama birimi gölge kopyalarý:

Genel bölüm gölge kopyasý	10.0.22000.1
Genel bölüm gölge kopyasý	10.0.22000.1
Genel bölüm gölge kopyasý	10.0.22000.1

Depolama birimleri:

Birim	10.0.22000.1
Birim	10.0.22000.1
Birim	10.0.22000.1
Birim	10.0.22000.1

Depolama denetleyicileri:

Intel(R) Chipset SATA/PCIe RST Premium Controller	17.9.1.1009
Microsoft Depolama Alanlarý Denetleyicisi	10.0.22000.469

Disk sürücüleri:

KINGSTON SA400M8240G	10.0.22000.1

Evrensel Seri Veri Yolu denetleyicileri:

Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)	10.0.22000.469
Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)	10.0.22000.469
USB Bileþik Aygýt	10.0.22000.1
USB Kök Hub (USB 3.0)	10.0.22000.65
USB Kök Hub (USB 3.0)	10.0.22000.65

Fare ve diðer iþaret aygýtlarý:

ÝAC uyumlu fare	10.0.22000.1
PS/2 Uyumlu Fare	10.0.22000.1

Görüntü baðdaþtýrýcýlarý:

Intel(R) UHD Graphics	27.20.100.9126

Güvenlik cihazlarý:

Güvenilir Platform Modülü 2.0	10.0.22000.469

Ýnsan Arabirim Cihazlarý:

I2C HID Aygýtý	10.0.22000.1
ÝAC uyumlu dokunmatik yüzey	10.0.22000.1
ÝAC uyumlu kablosuz radyo denetimleri	10.0.22000.1
ÝAC uyumlu satýcý tarafýndan tanýmlanan cihaz	10.0.22000.1
Intel(R) HID Event Filter	2.2.1.377
Microsoft Input Configuration Device	10.0.22000.1

Ýþlemciler:

Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz	10.0.22000.469
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz	10.0.22000.469
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz	10.0.22000.469
Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz	10.0.22000.469

Kameralar:

BisonCam,NB Pro	10.0.22000.469

Klavyeler:

Standart PS/2 Klavye	10.0.22000.1

Monitörler:

Genel PnP Monitör	10.0.22000.1

Piller:

Microsoft AC Baðdaþtýrýcýsý	10.0.22000.1
Microsoft ACPI Uyumlu Denetim Yöntemi Pili	10.0.22000.1

Ses giriþleri ve çýkýþlarý:

Hoparlör (Realtek(R) Audio)	10.0.22000.1
Mikrofon (Realtek(R) Audio)	10.0.22000.1

Ses, video ve oyun denetleyicileri:

Intel(R) Ekran Ýçin Ses	11.1.0.17
Realtek(R) Audio	6.0.9030.1

Sistem aygýtlarý:

ACPI Açma/Kapama Düðmesi	10.0.22000.1
Acpi Bridge	1.0.0.7
Acpi Bridge1	1.0.40.0
ACPI Isý Dilimi	10.0.22000.1
ACPI Ýþlemci Toplayýcýsý	10.0.22000.1
ACPI Kapak	10.0.22000.1
ACPI Sabit Özellik Düðmesi	10.0.22000.1
ACPI Uyku Düðmesi	10.0.22000.1
Anakart kaynaklarý	10.0.22000.1
Anakart kaynaklarý	10.0.22000.1
Anakart kaynaklarý	10.0.22000.1
Anakart kaynaklarý	10.0.22000.1
Anakart kaynaklarý	10.0.22000.1
Anakart kaynaklarý	10.0.22000.1
Anakart kaynaklarý	10.0.22000.1
ANX TypeC	1.8.1.0
Bileþik Veri Yolu Numaralandýrýcýsý	10.0.22000.1
Birim Yöneticisi	10.0.22000.348
High Definition Audio Denetleyicisi	10.0.22000.1
I/O LPC Controller (U Premium) - 3482 for Intel(R) On-Package Platform Controller Hub	10.1.12.3
Intel(R) Dynamic Tuning Generic Participant	8.7.10401.16510
Intel(R) Dynamic Tuning Manager	8.7.10401.16510
Intel(R) Dynamic Tuning Processor Participant	8.7.10401.16510
Intel(R) Güç Altyapýsý Eklentisi	10.0.22000.120
Intel(R) Management Engine Interface	2021.14.0.1615
Intel(R) PCI Express Root Port #9 - 34B0	10.1.12.3
Intel(R) Serial IO GPIO Host Controller - INT3455	30.100.2010.1
Intel(R) Serial IO I2C Host Controller - 34E8	30.100.2010.1
Intel(R) Serial IO I2C Host Controller - 34E9	30.100.2010.1
Intel(R) SMBus - 34A3	10.1.12.3
Intel(R) Software Guard Extensions Device	2.14.101.1
Intel(R) SPI (flash) Controller - 34A4	10.1.12.3
Microsoft ACPI Uyumlu Sistem	10.0.22000.469
Microsoft ACPI-Uyumlu Katýþtýrýlmýþ Denetleyici	10.0.22000.1
Microsoft Hiper Yönetici Hizmeti	10.0.22000.100
Microsoft Hyper-V Sanallaþtýrma Altyapýsý Sürücüsü	10.0.22000.434
Microsoft Sanal Sürücü Listeleyicisi	10.0.22000.1
Microsoft Sistem Yönetimi BIOS Sürücüsü	10.0.22000.1
Microsoft Temel Görüntü Sürücüsü	10.0.22000.1
Microsoft Temel Oluþturma Sürücüsü	10.0.22000.1
Microsoft UEFI Uyumlu Sistemi	10.0.22000.1
Microsoft Windows Yönetim Arabirimi, ACPI için	10.0.22000.1
Microsoft Windows Yönetim Arabirimi, ACPI için	10.0.22000.1
NDIS Sanal Að Baðdaþtýrýcý Listeleyicisi	10.0.22000.1
PCI Express Karmaþýk Kök	10.0.22000.469
PCI standart ana bilgisayar CPU köprüsü	10.0.22000.1
PCI standart RAM Denetleyicisi	10.0.22000.1
Programlanabilir kesme denetleyicisi	10.0.22000.1
Sistem CMOS/gerçek zaman saati	10.0.22000.1
Sistem süreölçeri	10.0.22000.1
Þarj Yönetim Sürücüsü	10.0.22000.1
Tak ve Kullan Yazýlým Aygýt Numaralandýrýcýsý	10.0.22000.1
UMBus Kök Veri Yolu Numaralandýrýcýsý	10.0.22000.1
Uzak Masaüstü Aygýt Yeniden Yönlendirici Veri Yolu	10.0.22000.1
Yüksek duyarlýklý olay süreölçeri	10.0.22000.1

Unknown:

Unknown	

Üretici Yazýlýmý:

Sistem Üretici Yazýlýmý	10.0.22000.1

Yazdýrma kuyruklarý:

Fax	10.0.22000.1
Kök Yazdýrma Kuyruðu	10.0.22000.1
Microsoft Print to PDF	10.0.22000.1

Microsoft XPS Document Writer	10.0.22000.1

Yazýlým bileþenleri:

Intel(R) Dynamic Application Loader Host Interface	1.41.2021.121
Intel(R) Graphics Command Center	27.20.100.9126
Intel(R) Graphics Control Panel	27.20.100.9126
Intel(R) iCLS Client	1.63.1155.1
Intel(R) Management and Security Application Local Management	2130.1.16.1
Intel(R) Optane(TM) Memory and Storage Management Component	17.9.0.1
Intel(R) Optane(TM) Pinning Shell Extensions	17.9.1.1012
Intel(R) Software Guard Extensions Software	2.14.101.1
Realtek Audio Effects Component	11.0.6000.951
Realtek Audio Universal Service	1.0.0.420
Realtek Hardware Support Application	11.0.6000.254

Yazýlým cihazlarý:

Bluetooth	10.0.22000.1
Microsoft Device Association Root Enumerator	10.0.22000.1
Microsoft GS Dalga Tablosu Birleþtirici	10.0.22000.1
Microsoft Radio Device Enumeration Bus	10.0.22000.1
Wi-Fi	10.0.22000.1

[Að baðdaþtýrýcýlarý / Intel(R) Wireless-AC 9462]

Device Properties:

Driver Description	Intel(R) Wireless-AC 9462
Driver Date	30.11.2020
Driver Version	22.20.0.6
Driver Provider	Intel
INF File	oem68.inf
INF Section	Install_GEN_QSR_JfP1_9462_AC_no_160_1x1
Hardware ID	PCI\VEN_8086&DEV_34F0&SUBSYS_02A48086&REV_30
Location Information	PCI veri yolu 0, aygýt 20, iþlev 3
PCI Device	Intel Wireless-AC 9462 Wireless Network Adapter

Device Resources:

IRQ	65536
IRQ	65536
Memory	01124000-01127FFF

Network Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/content/www/us/en/products/network-io.html
Driver Download	https://www.intel.com/support/network
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Að baðdaþtýrýcýlarý / Microsoft Kernel Debug Network Adapter]

Device Properties:

Driver Description	Microsoft Kernel Debug Network Adapter
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	kdnic.inf
INF Section	KdNic.ndi
Hardware ID	root\kdnic

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Að baðdaþtýrýcýlarý / Microsoft Wi-Fi Direct Virtual Adapter #2]

Device Properties:

Driver Description	Microsoft Wi-Fi Direct Virtual Adapter #2
Driver Date	21.06.2006

Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	netvwifimp.inf
INF Section	vwifimp_wfd.ndi
Hardware ID	{5d624f94-8850-40c3-a3fa-a4fd2080baf3}\vwifimp_wfd
Location Information	VWiFi Bus 0

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Að baðdaþtýrýcýlarý / Microsoft Wi-Fi Direct Virtual Adapter]

Device Properties:

Driver Description	Microsoft Wi-Fi Direct Virtual Adapter
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	netvwifimp.inf
INF Section	vwifimp_wfd.ndi
Hardware ID	{5d624f94-8850-40c3-a3fa-a4fd2080baf3}\vwifimp_wfd
Location Information	VWiFi Bus 0

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Að baðdaþtýrýcýlarý / Realtek PCIe GbE Family Controller]

Device Properties:

Driver Description	Realtek PCIe GbE Family Controller
Driver Date	23.07.2020
Driver Version	10.43.723.2020
Driver Provider	Realtek
INF File	oem66.inf
INF Section	RTL8411BWakeOnLinkUp.ndi.NT
Hardware ID	PCI\VEN_10EC&DEV_8168&SUBSYS_40D11558&REV_12
Location Information	PCI veri yolu 1, aygýt 0, iþlev 1
PCI Device	Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter

Device Resources:

IRQ	65536
Memory	75800000-75803FFF
Memory	75804000-75804FFF
Port	FF00-FFFF

Network Adapter Manufacturer:

Company Name	Realtek Semiconductor Corp.
Product Information	https://www.realtek.com/products
Driver Download	https://www.realtek.com/downloads
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Bellek teknolojisi cihazlarý / Realtek PCIE CardReader]

Device Properties:

Driver Description	Realtek PCIE CardReader
Driver Date	8.09.2020
Driver Version	10.0.19041.21339
Driver Provider	Realtek Semiconductor Corp.
INF File	oem67.inf
INF Section	RTL8411B.Inst.NTamd64
Hardware ID	PCI\VEN_10EC&DEV_5287&SUBSYS_40D11558&REV_01
Location Information	PCI veri yolu 1, aygýt 0, iþlev 0
PCI Device	Realtek RTS5287 PCI-E Card Reader

Device Resources:

IRQ	65536
Memory	758FF000-758FFFFF

[Bilgisayar / ACPI x64 tabanlý bilgisayar]

Device Properties:

Driver Description	ACPI x64 tabanlý bilgisayar
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	hal.inf
INF Section	ACPI_AMD64_HAL
Hardware ID	acpiapic

[Bluetooth / Intel(R) Wireless Bluetooth(R)]

Device Properties:

Driver Description	Intel(R) Wireless Bluetooth(R)
Driver Date	23.07.2021
Driver Version	22.70.2.1
Driver Provider	Intel Corporation
INF File	oem44.inf
INF Section	ibtusb
Hardware ID	USB\VID_8087&PID_0AAA&REV_0002
Location Information	Port_#0010.Hub_#0002

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Depolama birimi gölge kopyalarý / Genel bölüm gölge kopyasý]

Device Properties:

Driver Description	Genel bölüm gölge kopyasý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	volsnap.inf
INF Section	volume_snapshot_install.NTamd64
Hardware ID	STORAGE\VolumeSnapshot

[Depolama birimi gölge kopyalarý / Genel bölüm gölge kopyasý]

Device Properties:

Driver Description	Genel bölüm gölge kopyasý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	volsnap.inf
INF Section	volume_snapshot_install.NTamd64
Hardware ID	STORAGE\VolumeSnapshot

[Depolama birimi gölge kopyalarý / Genel bölüm gölge kopyasý]

Device Properties:

Driver Description	Genel bölüm gölge kopyasý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	volsnap.inf
INF Section	volume_snapshot_install.NTamd64
Hardware ID	STORAGE\VolumeSnapshot

[Depolama birimleri / Birim]

Device Properties:

Driver Description	Birim
Driver Date	21.06.2006
Driver Version	10.0.22000.1

Driver Provider	Microsoft
INF File	volume.inf
INF Section	volume_install.NT
Hardware ID	STORAGE\Volume

[Depolama birimleri / Birim]

Device Properties:

Driver Description	Birim
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	volume.inf
INF Section	volume_install.NT
Hardware ID	STORAGE\Volume

[Depolama birimleri / Birim]

Device Properties:

Driver Description	Birim
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	volume.inf
INF Section	volume_install.NT
Hardware ID	STORAGE\Volume

[Depolama birimleri / Birim]

Device Properties:

Driver Description	Birim
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	volume.inf
INF Section	volume_install.NT
Hardware ID	STORAGE\Volume

[Depolama denetleyicileri / Intel(R) Chipset SATA/PCIe RST Premium Controller]

Device Properties:

Driver Description	Intel(R) Chipset SATA/PCIe RST Premium Controller
Driver Date	2.06.2020
Driver Version	17.9.1.1009
Driver Provider	Intel Corporation
INF File	oem57.inf
INF Section	RAID_inst.NTamd64
Hardware ID	PCI\VEN_8086&DEV_282A&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 23, iþlev 0
PCI Device	Intel Ice Point-LP PCH - SATA RAID Controller

Device Resources:

IRQ	65536
Memory	75900000-7597FFFF
Memory	75990000-75997FFF
Memory	75999000-759990FF
Port	4060-407F
Port	4080-4087
Port	4088-408B

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Depolama denetleyicileri / Microsoft Depolama Alanlarý Denetleyicisi]

Device Properties:

Driver Description	Microsoft Depolama Alanlarý Denetleyicisi
Driver Date	21.06.2006
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	spaceport.inf
INF Section	Spaceport_Install
Hardware ID	Root\Spaceport

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Disk sürücüleri / KINGSTON SA400M8240G]

Device Properties:

Driver Description	KINGSTON SA400M8240G
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	disk.inf
INF Section	disk_install.NT
Hardware ID	SCSI\DiskKINGSTON_____SBFK
Location Information	Bus Number 0, Target Id 2, LUN 0

Device Manufacturer:

Company Name	Kingston Technology Corporation
Product Information	http://www.kingston.com/en/ssd
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Evrensel Seri Veri Yolu denetleyicileri / Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)]

Device Properties:

Driver Description	Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)
Driver Date	18.01.2022
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	usbxhci.inf
INF Section	Generic.Install.NT
Hardware ID	PCI\VEN_8086&DEV_8A13&SUBSYS_40D11558&REV_03
Location Information	PCI veri yolu 0, aygýt 13, iþlev 0
PCI Device	Intel Ice Lake - USB 3.1 xHCI Host Controller

Device Resources:

IRQ	65536
Memory	01100000-0110FFFF

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Evrensel Seri Veri Yolu denetleyicileri / Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)]

Device Properties:

Driver Description	Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)
Driver Date	18.01.2022
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	usbxhci.inf
INF Section	Generic.Install.NT
Hardware ID	PCI\VEN_8086&DEV_34ED&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 20, iþlev 0
PCI Device	Intel Ice Point-LP PCH - USB 3.1 xHCI Host Controller

Device Resources:

IRQ	65536
Memory	75980000-7598FFFF

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Evrensel Seri Veri Yolu denetleyicileri / USB Bileþik Aygýt]

Device Properties:

Driver Description	USB Bileþik Aygýt
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	usb.inf
INF Section	Composite.Dev.NT
Hardware ID	USB\VID_5986&PID_9102&REV_0601
Location Information	Port_#0007.Hub_#0002

[Evrensel Seri Veri Yolu denetleyicileri / USB Kök Hub (USB 3.0)]

Device Properties:

Driver Description	USB Kök Hub (USB 3.0)
Driver Date	3.07.2021
Driver Version	10.0.22000.65
Driver Provider	Microsoft
INF File	usbhub3.inf
INF Section	Generic.Install.NT
Hardware ID	USB\ROOT_HUB30&VID8086&PID8A13&REV0003

[Evrensel Seri Veri Yolu denetleyicileri / USB Kök Hub (USB 3.0)]

Device Properties:

Driver Description	USB Kök Hub (USB 3.0)
Driver Date	3.07.2021
Driver Version	10.0.22000.65
Driver Provider	Microsoft
INF File	usbhub3.inf
INF Section	Generic.Install.NT
Hardware ID	USB\ROOT_HUB30&VID8086&PID34ED&REV0030

[Fare ve diðer iþaret aygýtlarý / ÝAC uyumlu fare]

Device Properties:

Driver Description	ÝAC uyumlu fare
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	msmouse.inf
INF Section	HID_Mouse_Inst.NT
Hardware ID	HID\VEN_FTCS&DEV_1000&Col01

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Fare ve diðer iþaret aygýtlarý / PS/2 Uyumlu Fare]

Device Properties:

Driver Description	PS/2 Uyumlu Fare
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft

INF File	msmouse.inf
INF Section	PS2_Inst
Hardware ID	ACPI\VEN_FTCS&DEV_1000

Device Resources:

IRQ	12

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Görüntü baðdaþtýrýcýlarý / Intel(R) UHD Graphics]

Device Properties:

Driver Description	Intel(R) UHD Graphics
Driver Date	23.12.2020
Driver Version	27.20.100.9126
Driver Provider	Intel Corporation
INF File	oem32.inf
INF Section	iICLD_w10_DS_N
Hardware ID	PCI\VEN_8086&DEV_8A56&SUBSYS_40D11558&REV_07
Location Information	PCI veri yolu 0, aygýt 2, iþlev 0
PCI Device	Intel Ice Lake-U GT2 32EU - Integrated Graphics Controller

Device Resources:

IRQ	65536
Memory	00000000-00FFFFFF
Memory	00000000-0FFFFFFF
Port	4000-403F

Video Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Güvenlik cihazlarý / Güvenilir Platform Modülü 2.0]

Device Properties:

Driver Description	Güvenilir Platform Modülü 2.0
Driver Date	21.06.2006
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	tpm.inf
INF Section	Tpm2BaseInstall
Hardware ID	ACPI\VEN_INTC&DEV_5000

Device Resources:

Memory	FED40000-FED44FFF

[Ýnsan Arabirim Cihazlarý / I2C HID Aygýtý]

Device Properties:

Driver Description	I2C HID Aygýtý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	hidi2c.inf
INF Section	hidi2c_Device.NT
Hardware ID	ACPI\VEN_FTCS&DEV_1000

Device Resources:

IRQ	1025

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýnsan Arabirim Cihazlarý / ÝAC uyumlu dokunmatik yüzey]

Device Properties:

Driver Description	ÝAC uyumlu dokunmatik yüzey
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	input.inf
INF Section	HID_Raw_Inst.NT
Hardware ID	HID\VEN_FTCS&DEV_1000&Col02

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýnsan Arabirim Cihazlarý / ÝAC uyumlu kablosuz radyo denetimleri]

Device Properties:

Driver Description	ÝAC uyumlu kablosuz radyo denetimleri
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	input.inf
INF Section	HID_Raw_Inst.NT
Hardware ID	HID\INTC816

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýnsan Arabirim Cihazlarý / ÝAC uyumlu satýcý tarafýndan tanýmlanan cihaz]

Device Properties:

Driver Description	ÝAC uyumlu satýcý tarafýndan tanýmlanan cihaz
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	input.inf
INF Section	HID_Raw_Inst.NT
Hardware ID	HID\VEN_FTCS&DEV_1000&Col04

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýnsan Arabirim Cihazlarý / Intel(R) HID Event Filter]

Device Properties:

Driver Description	Intel(R) HID Event Filter
Driver Date	14.03.2019
Driver Version	2.2.1.377
Driver Provider	Intel(R) Corporation
INF File	oem62.inf
INF Section	HidEventFilter.NTamd64
Hardware ID	ACPI\VEN_INT&DEV_33D5

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýnsan Arabirim Cihazlarý / Microsoft Input Configuration Device]

Device Properties:

Driver Description	Microsoft Input Configuration Device
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	mtconfig.inf
INF Section	MTConfigInst.NT
Hardware ID	HID\VEN_FTCS&DEV_1000&Col03

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýþlemciler / Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
Driver Date	21.04.2009
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	cpu.inf
INF Section	IntelPPM_Inst.NT
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_126

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	https://ark.intel.com/content/www/us/en/ark/search.html?q=Intel%20Core%20i3-1005G1
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýþlemciler / Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
Driver Date	21.04.2009
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	cpu.inf
INF Section	IntelPPM_Inst.NT
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_126

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	https://ark.intel.com/content/www/us/en/ark/search.html?q=Intel%20Core%20i3-1005G1
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýþlemciler / Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
Driver Date	21.04.2009
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	cpu.inf
INF Section	IntelPPM_Inst.NT
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_126

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	https://ark.intel.com/content/www/us/en/ark/search.html?q=Intel%20Core%20i3-1005G1
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ýþlemciler / Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz]

Device Properties:

Driver Description	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
Driver Date	21.04.2009
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	cpu.inf
INF Section	IntelPPM_Inst.NT
Hardware ID	ACPI\GenuineIntel_-_Intel64_Family_6_Model_126

CPU Manufacturer:

Company Name	Intel Corporation
Product Information	https://ark.intel.com/content/www/us/en/ark/search.html?q=Intel%20Core%20i3-1005G1
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Kameralar / BisonCam,NB Pro]

Device Properties:

Driver Description	BisonCam,NB Pro
Driver Date	21.06.2006
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	usbvideo.inf
INF Section	USBVideo.NT
Hardware ID	USB\VID_5986&PID_9102&REV_0601&MI_00
Location Information	0000.0014.0000.007.000.000.000.000.000

[Klavyeler / Standart PS/2 Klavye]

Device Properties:

Driver Description	Standart PS/2 Klavye
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	keyboard.inf
INF Section	STANDARD_Inst
Hardware ID	ACPI\VEN_MSFT&DEV_0001

Device Resources:

IRQ	01
Port	0060-0060
Port	0064-0064

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Monitörler / Genel PnP Monitör]

Device Properties:

Driver Description	Genel PnP Monitör
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	monitor.inf
INF Section	PnPMonitor.Install
Hardware ID	MONITOR\BOE07F7

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Piller / Microsoft AC Baðdaþtýrýcýsý]

Device Properties:

Driver Description	Microsoft AC Baðdaþtýrýcýsý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	cmbatt.inf
INF Section	AcAdapter_Inst
Hardware ID	ACPI\VEN_ACPI&DEV_0003

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Piller / Microsoft ACPI Uyumlu Denetim Yöntemi Pili]

Device Properties:

Driver Description	Microsoft ACPI Uyumlu Denetim Yöntemi Pili
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	cmbatt.inf
INF Section	CmBatt_Inst
Hardware ID	ACPI\VEN_PNP&DEV_0C0A

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ses giriþleri ve çýkýþlarý / Hoparlör (Realtek(R) Audio)]

Device Properties:

Driver Description	Hoparlör (Realtek(R) Audio)
Driver Date	5.06.2021
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	audioendpoint.inf
INF Section	NO_DRV
Hardware ID	MMDEVAPI\AudioEndpoints

[Ses giriþleri ve çýkýþlarý / Mikrofon (Realtek(R) Audio)]

Device Properties:

Driver Description	Mikrofon (Realtek(R) Audio)
Driver Date	5.06.2021
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	audioendpoint.inf
INF Section	NO_DRV
Hardware ID	MMDEVAPI\AudioEndpoints

[Ses, video ve oyun denetleyicileri / Intel(R) Ekran Ýçin Ses]

Device Properties:

Driver Description	Intel(R) Ekran Ýçin Ses
Driver Date	16.06.2020
Driver Version	11.1.0.17
Driver Provider	Intel(R) Corporation
INF File	oem8.inf
INF Section	IntcAudModel
Hardware ID	HDAUDIO\FUNC_01&VEN_8086&DEV_280F&SUBSYS_80860101&REV_1000
Location Information	Internal High Definition Audio Bus

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Ses, video ve oyun denetleyicileri / Realtek(R) Audio]

Device Properties:

Driver Description	Realtek(R) Audio
Driver Date	15.09.2020
Driver Version	6.0.9030.1
Driver Provider	Realtek Semiconductor Corp.
INF File	oem28.inf
INF Section	IntcAzAudModel.NTamd64
Hardware ID	HDAUDIO\FUNC_01&VEN_10EC&DEV_0293&SUBSYS_155840D1&REV_1000
Location Information	Internal High Definition Audio Bus

Device Manufacturer:

Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Sistem aygýtlarý / ACPI Açma/Kapama Düðmesi]

Device Properties:

Driver Description	ACPI Açma/Kapama Düðmesi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	ACPI\VEN_PNP&DEV_0C0C

[Sistem aygýtlarý / Acpi Bridge]

Device Properties:

Driver Description	Acpi Bridge
Driver Date	1.09.2021
Driver Version	1.0.0.7
Driver Provider	Insyde
INF File	oem22.inf
INF Section	AcpiBridge_Device.NT
Hardware ID	ACPI\VEN_CLV&DEV_0001

[Sistem aygýtlarý / Acpi Bridge1]

Device Properties:

Driver Description	Acpi Bridge1
Driver Date	17.09.2021
Driver Version	1.0.40.0
Driver Provider	CLEVO
INF File	oem23.inf
INF Section	AcpiBridge1_Device.NT
Hardware ID	ACPI\VEN_CLV&DEV_0002

[Sistem aygýtlarý / ACPI Isý Dilimi]

Device Properties:

Driver Description	ACPI Isý Dilimi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	ACPI\ThermalZone

[Sistem aygýtlarý / ACPI Ýþlemci Toplayýcýsý]

Device Properties:

Driver Description	ACPI Ýþlemci Toplayýcýsý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	acpipagr.inf
INF Section	PagrInstall
Hardware ID	ACPI\VEN_ACPI&DEV_000C

[Sistem aygýtlarý / ACPI Kapak]

Device Properties:

Driver Description	ACPI Kapak
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	ACPI\VEN_PNP&DEV_0C0D

[Sistem aygýtlarý / ACPI Sabit Özellik Düðmesi]

Device Properties:

Driver Description	ACPI Sabit Özellik Düðmesi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	ACPI\FixedButton

[Sistem aygýtlarý / ACPI Uyku Düðmesi]

Device Properties:

Driver Description	ACPI Uyku Düðmesi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	ACPI\VEN_PNP&DEV_0C0E

[Sistem aygýtlarý / Anakart kaynaklarý]

Device Properties:

Driver Description	Anakart kaynaklarý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_MBRES
Hardware ID	ACPI\VEN_PNP&DEV_0C02

[Sistem aygýtlarý / Anakart kaynaklarý]

Device Properties:

Driver Description	Anakart kaynaklarý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_MBRES
Hardware ID	ACPI\VEN_PNP&DEV_0C02

[Sistem aygýtlarý / Anakart kaynaklarý]

Device Properties:

Driver Description	Anakart kaynaklarý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_MBRES
Hardware ID	ACPI\VEN_PNP&DEV_0C02

[Sistem aygýtlarý / Anakart kaynaklarý]

Device Properties:

Driver Description	Anakart kaynaklarý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_MBRES
Hardware ID	ACPI\VEN_INT&DEV_340E

[Sistem aygýtlarý / Anakart kaynaklarý]

Device Properties:

Driver Description	Anakart kaynaklarý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_MBRES
Hardware ID	ACPI\VEN_PNP&DEV_0C02

[Sistem aygýtlarý / Anakart kaynaklarý]

Device Properties:

Driver Description	Anakart kaynaklarý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_MBRES
Hardware ID	ACPI\VEN_PNP&DEV_0C02

[Sistem aygýtlarý / Anakart kaynaklarý]

Device Properties:

Driver Description	Anakart kaynaklarý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_MBRES
Hardware ID	ACPI\VEN_INT&DEV_3F0D

[Sistem aygýtlarý / ANX TypeC]

Device Properties:

Driver Description	ANX TypeC
Driver Date	25.01.2021
Driver Version	1.8.1.0
Driver Provider	Analogix Semiconductor Inc.
INF File	oem63.inf
INF Section	ANXUcmCxCD_Device.NT
Hardware ID	ACPI\VEN_ANX&DEV_7411

Device Resources:

IRQ	1024

[Sistem aygýtlarý / Bileþik Veri Yolu Numaralandýrýcýsý]

Device Properties:

Driver Description	Bileþik Veri Yolu Numaralandýrýcýsý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	compositebus.inf
INF Section	CompositeBus_Device.NT
Hardware ID	ROOT\CompositeBus

[Sistem aygýtlarý / Birim Yöneticisi]

Device Properties:

Driver Description	Birim Yöneticisi
Driver Date	21.06.2006
Driver Version	10.0.22000.348
Driver Provider	Microsoft

INF File	volmgr.inf
INF Section	Volmgr
Hardware ID	ROOT\VOLMGR

[Sistem aygýtlarý / High Definition Audio Denetleyicisi]

Device Properties:

Driver Description	High Definition Audio Denetleyicisi
Driver Date	5.06.2021
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	hdaudbus.inf
INF Section	HDAudio_Device.NT
Hardware ID	PCI\VEN_8086&DEV_34C8&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 31, iþlev 3
PCI Device	Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)

Device Resources:

IRQ	16
Memory	FFEFC000-FFEFFFFF
Memory	FFF00000-FFFFFFFF

[Sistem aygýtlarý / I/O LPC Controller (U Premium) - 3482 for Intel(R) On-Package Platform Controller Hub]

Device Properties:

Driver Description	I/O LPC Controller (U Premium) - 3482 for Intel(R) On-Package Platform Controller Hub
Driver Date	18.07.1968
Driver Version	10.1.12.3
Driver Provider	INTEL
INF File	oem14.inf
INF Section	Needs_MSISADRV
Hardware ID	PCI\VEN_8086&DEV_3482&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 31, iþlev 0
PCI Device	Intel Ice Point-LP PCH Premium - eSPI Controller [D0]

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Sistem aygýtlarý / Intel(R) Dynamic Tuning Generic Participant]

Device Properties:

Driver Description	Intel(R) Dynamic Tuning Generic Participant
Driver Date	21.08.2020
Driver Version	8.7.10401.16510
Driver Provider	Intel
INF File	oem11.inf
INF Section	DptfAcpi.NTamd64
Hardware ID	ACPI\VEN_INT&DEV_3403

[Sistem aygýtlarý / Intel(R) Dynamic Tuning Manager]

Device Properties:

Driver Description	Intel(R) Dynamic Tuning Manager
Driver Date	21.08.2020
Driver Version	8.7.10401.16510
Driver Provider	Intel
INF File	oem11.inf
INF Section	DptfAcpi.NTamd64
Hardware ID	ACPI\VEN_INT&DEV_3400

[Sistem aygýtlarý / Intel(R) Dynamic Tuning Processor Participant]

Device Properties:

Driver Description	Intel(R) Dynamic Tuning Processor Participant
Driver Date	21.08.2020
Driver Version	8.7.10401.16510
Driver Provider	Intel
INF File	oem15.inf
INF Section	EsifManager10.0.NTamd64
Hardware ID	PCI\VEN_8086&DEV_8A03&SUBSYS_40D11558&REV_03
Location Information	PCI veri yolu 0, aygýt 4, iþlev 0
PCI Device	Intel Ice Lake - Dynamic Platform & Thermal Framework Processor Participant

Device Resources:

IRQ	16
Memory	01110000-0111FFFF

[Sistem aygýtlarý / Intel(R) Güç Altyapýsý Eklentisi]

Device Properties:

Driver Description	Intel(R) Güç Altyapýsý Eklentisi
Driver Date	21.06.2006
Driver Version	10.0.22000.120
Driver Provider	Microsoft
INF File	intelpep.inf
INF Section	HSWULT
Hardware ID	ACPI\VEN_INT&DEV_33A1

[Sistem aygýtlarý / Intel(R) Management Engine Interface]

Device Properties:

Driver Description	Intel(R) Management Engine Interface
Driver Date	19.05.2020
Driver Version	2021.14.0.1615
Driver Provider	Intel
INF File	oem17.inf
INF Section	TEE_DDI_x64
Hardware ID	PCI\VEN_8086&DEV_34E0&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 22, iþlev 0
PCI Device	Intel Ice Point-LP PCH - HECI Controller 1

Device Resources:

IRQ	65536
Memory	FFEFB000-FFEFBFFF

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Sistem aygýtlarý / Intel(R) PCI Express Root Port #9 - 34B0]

Device Properties:

Driver Description	Intel(R) PCI Express Root Port #9 - 34B0
Driver Date	18.07.1968
Driver Version	10.1.12.3
Driver Provider	INTEL
INF File	oem14.inf
INF Section	Needs_PCI_DRV
Hardware ID	PCI\VEN_8086&DEV_34B0&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 29, iþlev 0
PCI Device	Intel Ice Point-LP PCH - PCI Express Root Port 9

Device Resources:

IRQ	131071
Memory	75800000-758FFFFF
Port	F000-FFFF

Chipset Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/chipsets
BIOS Upgrades	http://www.aida64.com/goto/?p=biosupdates
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Sistem aygýtlarý / Intel(R) Serial IO GPIO Host Controller - INT3455]

Device Properties:

Driver Description	Intel(R) Serial IO GPIO Host Controller - INT3455
Driver Date	5.03.2020
Driver Version	30.100.2010.1
Driver Provider	Intel Corporation
INF File	oem2.inf
INF Section	iaLPSS2_GPIO2_ICL_Device.NT
Hardware ID	ACPI\VEN_INT&DEV_3455

Device Resources:

IRQ	14
Memory	FD690000-FD69FFFF
Memory	FD6A0000-FD6AFFFF
Memory	FD6D0000-FD6DFFFF
Memory	FD6E0000-FD6EFFFF

[Sistem aygýtlarý / Intel(R) Serial IO I2C Host Controller - 34E8]

Device Properties:

Driver Description	Intel(R) Serial IO I2C Host Controller - 34E8
Driver Date	5.03.2020
Driver Version	30.100.2010.1
Driver Provider	Intel Corporation
INF File	oem16.inf
INF Section	iaLPSS2_I2C_ICL_Device.NT
Hardware ID	PCI\VEN_8086&DEV_34E8&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 21, iþlev 0
PCI Device	Intel Ice Point-LP PCH - I2C Controller 0

Device Resources:

IRQ	16
Memory	FFEF9000-FFEF9FFF

[Sistem aygýtlarý / Intel(R) Serial IO I2C Host Controller - 34E9]

Device Properties:

Driver Description	Intel(R) Serial IO I2C Host Controller - 34E9
Driver Date	5.03.2020
Driver Version	30.100.2010.1
Driver Provider	Intel Corporation
INF File	oem16.inf
INF Section	iaLPSS2_I2C_ICL_Device.NT
Hardware ID	PCI\VEN_8086&DEV_34E9&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 21, iþlev 1
PCI Device	Intel Ice Point-LP PCH - I2C Controller 1

Device Resources:

IRQ	17
Memory	FFEFA000-FFEFAFFF

[Sistem aygýtlarý / Intel(R) SMBus - 34A3]

Device Properties:

Driver Description	Intel(R) SMBus - 34A3
Driver Date	18.07.1968
Driver Version	10.1.12.3
Driver Provider	INTEL
INF File	oem14.inf
INF Section	Needs_NO_DRV
Hardware ID	PCI\VEN_8086&DEV_34A3&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 31, iþlev 4
PCI Device	Intel Ice Point-LP PCH - SMBus Controller

[Sistem aygýtlarý / Intel(R) Software Guard Extensions Device]

Device Properties:

Driver Description	Intel(R) Software Guard Extensions Device
Driver Date	2.11.2021
Driver Version	2.14.101.1
Driver Provider	Intel Corporation
INF File	oem12.inf
INF Section	SGXPSW_Device.NT
Hardware ID	ACPI\VEN_INT&DEV_0E0C

Device Resources:

Memory	60180000-6BD7FFFF

[Sistem aygýtlarý / Intel(R) SPI (flash) Controller - 34A4]

Device Properties:

Driver Description	Intel(R) SPI (flash) Controller - 34A4
Driver Date	18.07.1968
Driver Version	10.1.12.3
Driver Provider	INTEL
INF File	oem14.inf
INF Section	Needs_NO_DRV
Hardware ID	PCI\VEN_8086&DEV_34A4&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 31, iþlev 5
PCI Device	Intel Ice Point-LP PCH - SPI (Flash) Controller

[Sistem aygýtlarý / Microsoft ACPI Uyumlu Sistem]

Device Properties:

Driver Description	Microsoft ACPI Uyumlu Sistem
Driver Date	21.06.2006
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	acpi.inf
INF Section	ACPI_Inst.NT
Hardware ID	ACPI_HAL\PNP0C08
PnP Device	ACPI Driver/BIOS

Device Resources:

IRQ	100
IRQ	101
IRQ	102
IRQ	103
IRQ	104
IRQ	105
IRQ	106
IRQ	107
IRQ	108
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IRQ	97
IRQ	98
IRQ	99

[Sistem aygýtlarý / Microsoft ACPI-Uyumlu Katýþtýrýlmýþ Denetleyici]

Device Properties:

Driver Description	Microsoft ACPI-Uyumlu Katýþtýrýlmýþ Denetleyici
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	ACPI\VEN_PNP&DEV_0C09

Device Resources:

Port	0062-0062
Port	0066-0066

[Sistem aygýtlarý / Microsoft Hiper Yönetici Hizmeti]

Device Properties:

Driver Description	Microsoft Hiper Yönetici Hizmeti
Driver Date	21.06.2006
Driver Version	10.0.22000.100
Driver Provider	Microsoft
INF File	hvservice.inf
INF Section	hvservice_Inst.NT
Hardware ID	ROOT\hvservice

[Sistem aygýtlarý / Microsoft Hyper-V Sanallaþtýrma Altyapýsý Sürücüsü]

Device Properties:

Driver Description	Microsoft Hyper-V Sanallaþtýrma Altyapýsý Sürücüsü
Driver Date	21.06.2006
Driver Version	10.0.22000.434
Driver Provider	Microsoft
INF File	wvid.inf
INF Section	Vid_Device_Client.NT
Hardware ID	ROOT\VID

[Sistem aygýtlarý / Microsoft Sanal Sürücü Listeleyicisi]

Device Properties:

Driver Description	Microsoft Sanal Sürücü Listeleyicisi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	vdrvroot.inf
INF Section	VDRVROOT
Hardware ID	ROOT\vdrvroot

[Sistem aygýtlarý / Microsoft Sistem Yönetimi BIOS Sürücüsü]

Device Properties:

Driver Description	Microsoft Sistem Yönetimi BIOS Sürücüsü
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	mssmbios.inf
INF Section	MSSMBIOS_DRV
Hardware ID	ROOT\mssmbios

[Sistem aygýtlarý / Microsoft Temel Görüntü Sürücüsü]

Device Properties:

Driver Description	Microsoft Temel Görüntü Sürücüsü
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	basicdisplay.inf
INF Section	MSBDD_Fallback
Hardware ID	ROOT\BasicDisplay

[Sistem aygýtlarý / Microsoft Temel Oluþturma Sürücüsü]

Device Properties:

Driver Description	Microsoft Temel Oluþturma Sürücüsü
Driver Date	21.06.2006
Driver Version	10.0.22000.1

Driver Provider	Microsoft
INF File	basicrender.inf
INF Section	BasicRender
Hardware ID	ROOT\BasicRender

[Sistem aygýtlarý / Microsoft UEFI Uyumlu Sistemi]

Device Properties:

Driver Description	Microsoft UEFI Uyumlu Sistemi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	uefi.inf
INF Section	UEFI_Inst.NT
Hardware ID	ACPI_HAL\UEFI

[Sistem aygýtlarý / Microsoft Windows Yönetim Arabirimi, ACPI için]

Device Properties:

Driver Description	Microsoft Windows Yönetim Arabirimi, ACPI için
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	wmiacpi.inf
INF Section	WMIMAP_Inst.NT
Hardware ID	ACPI\VEN_PNP&DEV_0C14

[Sistem aygýtlarý / Microsoft Windows Yönetim Arabirimi, ACPI için]

Device Properties:

Driver Description	Microsoft Windows Yönetim Arabirimi, ACPI için
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	wmiacpi.inf
INF Section	WMIMAP_Inst.NT
Hardware ID	ACPI\VEN_PNP&DEV_0C14

[Sistem aygýtlarý / NDIS Sanal Að Baðdaþtýrýcý Listeleyicisi]

Device Properties:

Driver Description	NDIS Sanal Að Baðdaþtýrýcý Listeleyicisi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	ndisvirtualbus.inf
INF Section	NdisVirtualBus_Device.NT
Hardware ID	ROOT\NdisVirtualBus

[Sistem aygýtlarý / PCI Express Karmaþýk Kök]

Device Properties:

Driver Description	PCI Express Karmaþýk Kök
Driver Date	21.06.2006
Driver Version	10.0.22000.469
Driver Provider	Microsoft
INF File	pci.inf
INF Section	PCI_ROOT
Hardware ID	ACPI\VEN_PNP&DEV_0A08

Device Resources:

Memory	000A0000-000BFFFF
Memory	75800000-BFFFFFFF
Port	0000-0CF7
Port	0D00-FFFF

[Sistem aygýtlarý / PCI standart ana bilgisayar CPU köprüsü]

Device Properties:

Driver Description	PCI standart ana bilgisayar CPU köprüsü
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	PCI\VEN_8086&DEV_8A02&SUBSYS_40D11558&REV_03
Location Information	PCI veri yolu 0, aygýt 0, iþlev 0
PCI Device	Intel Ice Lake-U 2C - Host Bridge/DRAM Controller

[Sistem aygýtlarý / PCI standart RAM Denetleyicisi]

Device Properties:

Driver Description	PCI standart RAM Denetleyicisi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV
Hardware ID	PCI\VEN_8086&DEV_34EF&SUBSYS_40D11558&REV_30
Location Information	PCI veri yolu 0, aygýt 20, iþlev 2
PCI Device	Intel Ice Point-LP PCH - Shared SRAM

[Sistem aygýtlarý / Programlanabilir kesme denetleyicisi]

Device Properties:

Driver Description	Programlanabilir kesme denetleyicisi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_PIC
Hardware ID	ACPI\VEN_PNP&DEV_0000

[Sistem aygýtlarý / Sistem CMOS/gerçek zaman saati]

Device Properties:

Driver Description	Sistem CMOS/gerçek zaman saati
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_X
Hardware ID	ACPI\VEN_PNP&DEV_0B00

Device Resources:

IRQ	08
Port	0070-0077

[Sistem aygýtlarý / Sistem süreölçeri]

Device Properties:

Driver Description	Sistem süreölçeri
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_X
Hardware ID	ACPI\VEN_PNP&DEV_0100

[Sistem aygýtlarý / Þarj Yönetim Sürücüsü]

Device Properties:

Driver Description	Þarj Yönetim Sürücüsü
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	ChargeArbitration.inf
INF Section	CAD_Inst.NT
Hardware ID	ROOT\CAD

[Sistem aygýtlarý / Tak ve Kullan Yazýlým Aygýt Numaralandýrýcýsý]

Device Properties:

Driver Description	Tak ve Kullan Yazýlým Aygýt Numaralandýrýcýsý
Driver Date	4.06.2021
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	swenum.inf
INF Section	SWENUM
Hardware ID	ROOT\SWENUM

[Sistem aygýtlarý / UMBus Kök Veri Yolu Numaralandýrýcýsý]

Device Properties:

Driver Description	UMBus Kök Veri Yolu Numaralandýrýcýsý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	umbus.inf
INF Section	UmBusRoot_Device.NT
Hardware ID	root\umbus

[Sistem aygýtlarý / Uzak Masaüstü Aygýt Yeniden Yönlendirici Veri Yolu]

Device Properties:

Driver Description	Uzak Masaüstü Aygýt Yeniden Yönlendirici Veri Yolu
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	rdpbus.inf
INF Section	RDPBUS
Hardware ID	ROOT\RDPBUS

[Sistem aygýtlarý / Yüksek duyarlýklý olay süreölçeri]

Device Properties:

Driver Description	Yüksek duyarlýklý olay süreölçeri
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	machine.inf
INF Section	NO_DRV_HPET
Hardware ID	ACPI\VEN_PNP&DEV_0103

[Unknown / Unknown]

Device Properties:

Driver Description	Unknown

[Üretici Yazýlýmý / Sistem Üretici Yazýlýmý]

Device Properties:

Driver Description	Sistem Üretici Yazýlýmý
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	c_firmware.inf

INF Section	FirmwareResource.NT
Hardware ID	UEFI\RES_{130c1cbb-9efe-5dc3-9290-95f33354629f}&REV_59153000

[Yazdýrma kuyruklarý / Fax]

Device Properties:

Driver Description	Fax
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	printqueue.inf
INF Section	NO_DRV_LOCAL
Hardware ID	PRINTENUM\microsoftmicrosoft_s7d14

[Yazdýrma kuyruklarý / Kök Yazdýrma Kuyruðu]

Device Properties:

Driver Description	Kök Yazdýrma Kuyruðu
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	printqueue.inf
INF Section	NO_DRV_LOCAL
Hardware ID	PRINTENUM\LocalPrintQueue

[Yazdýrma kuyruklarý / Microsoft Print to PDF]

Device Properties:

Driver Description	Microsoft Print to PDF
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	printqueue.inf
INF Section	NO_DRV_LOCAL
Hardware ID	PRINTENUM\{084f01fa-e634-4d77-83ee-074817c03581}

[Yazdýrma kuyruklarý / Microsoft XPS Document Writer]

Device Properties:

Driver Description	Microsoft XPS Document Writer
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	printqueue.inf
INF Section	NO_DRV_LOCAL
Hardware ID	PRINTENUM\{0f4130dd-19c7-7ab6-99a1-980f03b2ee4e}

[Yazýlým bileþenleri / Intel(R) Dynamic Application Loader Host Interface]

Device Properties:

Driver Description	Intel(R) Dynamic Application Loader Host Interface
Driver Date	21.01.2021
Driver Version	1.41.2021.121
Driver Provider	Intel
INF File	oem24.inf
INF Section	DALInstallSection.ntamd64
Hardware ID	SWC\3C4852D6-D47B-4F46-B05E-B5EDC1AA440E

[Yazýlým bileþenleri / Intel(R) Graphics Command Center]

Device Properties:

Driver Description	Intel(R) Graphics Command Center
Driver Date	23.12.2020
Driver Version	27.20.100.9126
Driver Provider	Intel Corporation

INF File	oem34.inf
INF Section	IGCC_Component_Install
Hardware ID	SWC\100.9126_VEN8086_IGCC

[Yazýlým bileþenleri / Intel(R) Graphics Control Panel]

Device Properties:

Driver Description	Intel(R) Graphics Control Panel
Driver Date	23.12.2020
Driver Version	27.20.100.9126
Driver Provider	Intel Corporation
INF File	oem33.inf
INF Section	Igdlh_CUI_Component_Install_Yangra
Hardware ID	SWC\100.9126_VEN8086_GFXUI_Yangra

[Yazýlým bileþenleri / Intel(R) iCLS Client]

Device Properties:

Driver Description	Intel(R) iCLS Client
Driver Date	7.09.2021
Driver Version	1.63.1155.1
Driver Provider	Intel
INF File	oem26.inf
INF Section	IclsClientInstallSection.NTamd64.21342
Hardware ID	SWC\PROVIDER_INTEL_COMPONENT_ICLSCLIENT

[Yazýlým bileþenleri / Intel(R) Management and Security Application Local Management]

Device Properties:

Driver Description	Intel(R) Management and Security Application Local Management
Driver Date	1.09.2021
Driver Version	2130.1.16.1
Driver Provider	Intel
INF File	oem25.inf
INF Section	LMSInstallSection.NTamd64
Hardware ID	SWC\5DCEB103-DD64-403C-A17C-94FC5F917A9C

[Yazýlým bileþenleri / Intel(R) Optane(TM) Memory and Storage Management Component]

Device Properties:

Driver Description	Intel(R) Optane(TM) Memory and Storage Management Component
Driver Date	11.03.2020
Driver Version	17.9.0.1
Driver Provider	Intel Corporation
INF File	oem59.inf
INF Section	RstHsaComponent_install.NTamd64
Hardware ID	SWC\VID8086&SW_RstHSA

[Yazýlým bileþenleri / Intel(R) Optane(TM) Pinning Shell Extensions]

Device Properties:

Driver Description	Intel(R) Optane(TM) Pinning Shell Extensions
Driver Date	16.06.2020
Driver Version	17.9.1.1012
Driver Provider	Intel Corporation
INF File	oem58.inf
INF Section	PinningShellExt_install.NTamd64
Hardware ID	SWC\VID8086&SW_RstShellExtensions

[Yazýlým bileþenleri / Intel(R) Software Guard Extensions Software]

Device Properties:

Driver Description	Intel(R) Software Guard Extensions Software
Driver Date	2.11.2021
Driver Version	2.14.101.1
Driver Provider	Intel Corporation

INF File	oem31.inf
INF Section	SGX_PSW.NT
Hardware ID	SWC\VEN_INT&DEV_0E0C_PSWDCAP

[Yazýlým bileþenleri / Realtek Audio Effects Component]

Device Properties:

Driver Description	Realtek Audio Effects Component
Driver Date	17.08.2021
Driver Version	11.0.6000.951
Driver Provider	Realtek
INF File	oem51.inf
INF Section	ApoComponent_Install
Hardware ID	SWC\VEN_10EC&AID_0001

[Yazýlým bileþenleri / Realtek Audio Universal Service]

Device Properties:

Driver Description	Realtek Audio Universal Service
Driver Date	18.08.2021
Driver Version	1.0.0.420
Driver Provider	Realtek
INF File	oem70.inf
INF Section	SrvComponent_Install
Hardware ID	SWC\VEN_10EC&SID_0001

[Yazýlým bileþenleri / Realtek Hardware Support Application]

Device Properties:

Driver Description	Realtek Hardware Support Application
Driver Date	27.07.2021
Driver Version	11.0.6000.254
Driver Provider	Realtek
INF File	oem69.inf
INF Section	HsaComponent_Install
Hardware ID	SWC\VEN_10EC&HID_0001

[Yazýlým cihazlarý / Bluetooth]

Device Properties:

Driver Description	Bluetooth
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	c_swdevice.inf
INF Section	SoftwareDevice

[Yazýlým cihazlarý / Microsoft Device Association Root Enumerator]

Device Properties:

Driver Description	Microsoft Device Association Root Enumerator
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	c_swdevice.inf
INF Section	SoftwareDevice

[Yazýlým cihazlarý / Microsoft GS Dalga Tablosu Birleþtirici]

Device Properties:

Driver Description	Microsoft GS Dalga Tablosu Birleþtirici
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	c_swdevice.inf
INF Section	SoftwareDevice

[Yazýlým cihazlarý / Microsoft Radio Device Enumeration Bus]

Device Properties:

Driver Description	Microsoft Radio Device Enumeration Bus
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	c_swdevice.inf
INF Section	SoftwareDevice

[Yazýlým cihazlarý / Wi-Fi]

Device Properties:

Driver Description	Wi-Fi
Driver Date	21.06.2006
Driver Version	10.0.22000.1
Driver Provider	Microsoft
INF File	c_swdevice.inf
INF Section	SoftwareDevice

Physical Devices

PCI Devices:

Bus 0, Device 4, Function 0	Intel Ice Lake - Dynamic Platform & Thermal Framework Processor Participant
Bus 0, Device 0, Function 0	Intel Ice Lake-U 2C - Host Bridge/DRAM Controller
Bus 0, Device 2, Function 0	Intel Ice Lake-U GT2 32EU - Integrated Graphics Controller
Bus 0, Device 31, Function 3	Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)
Bus 0, Device 22, Function 0	Intel Ice Point-LP PCH - HECI Controller 1
Bus 0, Device 21, Function 0	Intel Ice Point-LP PCH - I2C Controller 0
Bus 0, Device 21, Function 1	Intel Ice Point-LP PCH - I2C Controller 1
Bus 0, Device 29, Function 0	Intel Ice Point-LP PCH - PCI Express Root Port 9
Bus 0, Device 23, Function 0	Intel Ice Point-LP PCH - SATA RAID Controller
Bus 0, Device 20, Function 2	Intel Ice Point-LP PCH - Shared SRAM
Bus 0, Device 31, Function 4	Intel Ice Point-LP PCH - SMBus Controller
Bus 0, Device 31, Function 5	Intel Ice Point-LP PCH - SPI (Flash) Controller
Bus 0, Device 20, Function 0	Intel Ice Point-LP PCH - USB 3.1 xHCI Host Controller
Bus 0, Device 31, Function 0	Intel Ice Point-LP PCH Premium - eSPI Controller [D0]
Bus 0, Device 20, Function 3	Intel Wireless-AC 9462 Wireless Network Adapter
Bus 1, Device 0, Function 1	Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter
Bus 1, Device 0, Function 0	Realtek RTS5287 PCI-E Card Reader

PnP Devices:

PNP0C08	ACPI Driver/BIOS
THERMALZONE	ACPI Isý Dilimi
ACPI000C	ACPI Ýþlemci Toplayýcýsý
FIXEDBUTTON	ACPI Sabit Özellik Düðmesi
PNP0A08	ACPI Three-wire Device Bus
ANX7411	ANX TypeC
CLV0001	Clevo ACPI Bridge
CLV0002	Clevo ACPI Bridge1
PNP0C0A	Control Method Battery
PNP0C09	Embedded Controller Device
INTC5000	Güvenilir Platform Modülü 2.0
PNP0103	High Precision Event Timer
FTCS1000	I2C HID Aygýtý
INT3403	Intel Dynamic Platform & Thermal Framework Generic Participant
INT3400	Intel Dynamic Platform & Thermal Framework
INT33D5	Intel HID Event Filter
INT3455	Intel Ice Point-LP PCH - Serial IO GPIO Host Controller
INT33A1	Intel Power Engine Plug-in

INT0E0C	Intel Software Guard Extensions Device
INT340E	Intel System Device
INT3F0D	Intel Watchdog Timer
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_126_-_INTEL(R)_CORE(TM)_I3-1005G1_CPU_@_1.20GHZ	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_126_-_INTEL(R)_CORE(TM)_I3-1005G1_CPU_@_1.20GHZ	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_126_-_INTEL(R)_CORE(TM)_I3-1005G1_CPU_@_1.20GHZ	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
GENUINEINTEL_-_INTEL64_FAMILY_6_MODEL_126_-_INTEL(R)_CORE(TM)_I3-1005G1_CPU_@_1.20GHZ	Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz
PNP0C0D	Lid
ACPI0003	Microsoft AC Adapter
UEFI	Microsoft UEFI Uyumlu Sistemi
PNP0C14	Microsoft Windows Management Interface for ACPI
PNP0C14	Microsoft Windows Management Interface for ACPI
PNP0C0C	Power Button
PNP0000	Programmable Interrupt Controller
FTCS1000	PS/2 Uyumlu Fare
PNP0B00	Real-Time Clock
PNP0C0E	Sleep Button
MSFT0001	Standart PS/2 Klavye
PNP0100	System Timer
PNP0C02	Thermal Monitoring ACPI Device
PNP0C02	Thermal Monitoring ACPI Device
PNP0C02	Thermal Monitoring ACPI Device
PNP0C02	Thermal Monitoring ACPI Device
PNP0C02	Thermal Monitoring ACPI Device

USB Devices:

5986 9102	BisonCam,NB Pro
8087 0AAA	Intel(R) Wireless Bluetooth(R)
5986 9102	USB Bileþik Aygýt

PCI Devices

[Intel Ice Lake - Dynamic Platform & Thermal Framework Processor Participant]

Device Properties:

Device Description	Intel Ice Lake - Dynamic Platform & Thermal Framework Processor Participant
Bus Type	PCI
Bus / Device / Function	0 / 4 / 0
Device ID	8086-8A03
Subsystem ID	1558-40D1
Device Class	1180 (Data Acquisition / Signal Processing Controller)
Revision	03
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Ice Lake-U 2C - Host Bridge/DRAM Controller]

Device Properties:

Device Description	Intel Ice Lake-U 2C - Host Bridge/DRAM Controller
Bus Type	PCI
Bus / Device / Function	0 / 0 / 0
Device ID	8086-8A02
Subsystem ID	1558-40D1
Device Class	0600 (Host/PCI Bridge)
Revision	03
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Ice Lake-U GT2 32EU - Integrated Graphics Controller]

Device Properties:

Device Description	Intel Ice Lake-U GT2 32EU - Integrated Graphics Controller
Bus Type	PCI Express 2.0
Bus / Device / Function	0 / 2 / 0
Device ID	8086-8A56
Subsystem ID	1558-40D1
Device Class	0300 (VGA Display Controller)
Revision	07
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

Video Adapter Manufacturer:

Company Name	Intel Corporation
Product Information	https://www.intel.com/products/chipsets
Driver Download	https://www.intel.com/support/graphics
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)]

Device Properties:

Device Description	Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)
Bus Type	PCI
Bus / Device / Function	0 / 31 / 3
Device ID	8086-34C8
Subsystem ID	1558-40D1
Device Class	0403 (High Definition Audio)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Ice Point-LP PCH - HECI Controller 1]

Device Properties:

Device Description	Intel Ice Point-LP PCH - HECI Controller 1
Bus Type	PCI
Bus / Device / Function	0 / 22 / 0
Device ID	8086-34E0
Subsystem ID	1558-40D1
Device Class	0780 (Communications Controller)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Ice Point-LP PCH - I2C Controller 0]

Device Properties:

Device Description	Intel Ice Point-LP PCH - I2C Controller 0
Bus Type	PCI
Bus / Device / Function	0 / 21 / 0
Device ID	8086-34E8
Subsystem ID	1558-40D1

Device Class	0C80 (Serial Bus Controller)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Ice Point-LP PCH - I2C Controller 1]

Device Properties:

Device Description	Intel Ice Point-LP PCH - I2C Controller 1
Bus Type	PCI
Bus / Device / Function	0 / 21 / 1
Device ID	8086-34E9
Subsystem ID	1558-40D1
Device Class	0C80 (Serial Bus Controller)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Ice Point-LP PCH - PCI Express Root Port 9]

Device Properties:

Device Description	Intel Ice Point-LP PCH - PCI Express Root Port 9
Bus Type	PCI
Bus / Device / Function	0 / 29 / 0
Device ID	8086-34B0
Subsystem ID	0000-0000
Device Class	0604 (PCI/PCI Bridge)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Ice Point-LP PCH - SATA RAID Controller]

Device Properties:

Device Description	Intel Ice Point-LP PCH - SATA RAID Controller
Bus Type	PCI
Bus / Device / Function	0 / 23 / 0
Device ID	8086-282A
Subsystem ID	1558-40D1
Device Class	0104 (RAID Controller)
Revision	30
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Supported
Bus Mastering	Enabled

[Intel Ice Point-LP PCH - Shared SRAM]

Device Properties:

Device Description	Intel Ice Point-LP PCH - Shared SRAM
Bus Type	PCI
Bus / Device / Function	0 / 20 / 2
Device ID	8086-34EF
Subsystem ID	1558-40D1
Device Class	0500 (RAM Controller)
Revision	30

Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Ice Point-LP PCH - SMBus Controller]

Device Properties:

Device Description	Intel Ice Point-LP PCH - SMBus Controller
Bus Type	PCI
Bus / Device / Function	0 / 31 / 4
Device ID	8086-34A3
Subsystem ID	1558-40D1
Device Class	0C05 (SMBus Controller)
Revision	30
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Ice Point-LP PCH - SPI (Flash) Controller]

Device Properties:

Device Description	Intel Ice Point-LP PCH - SPI (Flash) Controller
Bus Type	PCI
Bus / Device / Function	0 / 31 / 5
Device ID	8086-34A4
Subsystem ID	1558-40D1
Device Class	0C80 (Serial Bus Controller)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Ice Point-LP PCH - USB 3.1 xHCI Host Controller]

Device Properties:

Device Description	Intel Ice Point-LP PCH - USB 3.1 xHCI Host Controller
Bus Type	PCI
Bus / Device / Function	0 / 20 / 0
Device ID	8086-34ED
Subsystem ID	1558-40D1
Device Class	0C03 (USB3 xHCI Controller)
Revision	30
Fast Back-to-Back Transactions	Supported, Disabled

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Disabled

[Intel Ice Point-LP PCH Premium - eSPI Controller [D0]]

Device Properties:

Device Description	Intel Ice Point-LP PCH Premium - eSPI Controller [D0]
Bus Type	PCI
Bus / Device / Function	0 / 31 / 0
Device ID	8086-3482
Subsystem ID	1558-40D1
Device Class	0601 (PCI/ISA Bridge)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Intel Wireless-AC 9462 Wireless Network Adapter]

Device Properties:

Device Description	Intel Wireless-AC 9462 Wireless Network Adapter
Bus Type	PCI Express 2.0
Bus / Device / Function	0 / 20 / 3
Device ID	8086-34F0
Subsystem ID	8086-02A4
Device Class	0280 (Network Controller)
Revision	30
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

[Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter]

Device Properties:

Device Description	Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter
Bus Type	PCI Express 2.0 x1
Bus / Device / Function	1 / 0 / 1
Device ID	10EC-8168
Subsystem ID	1558-40D1
Device Class	0200 (Ethernet Controller)
Revision	12
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

Network Adapter Manufacturer:

Company Name	Realtek Semiconductor Corp.
Product Information	https://www.realtek.com/products
Driver Download	https://www.realtek.com/downloads
Driver Update	http://www.aida64.com/goto/?p=drvupdates

[Realtek RTS5287 PCI-E Card Reader]

Device Properties:

Device Description	Realtek RTS5287 PCI-E Card Reader
Bus Type	PCI Express 2.0 x1
Bus / Device / Function	1 / 0 / 0
Device ID	10EC-5287
Subsystem ID	1558-40D1
Device Class	FF00
Revision	01
Fast Back-to-Back Transactions	Not Supported

Device Features:

66 MHz Operation	Not Supported
Bus Mastering	Enabled

USB Devices

[USB Bileþik Aygýt]

Device Properties:

Device Description	USB Bileþik Aygýt

Device ID	5986-9102
Device Class	EF / 02 (Interface Association Descriptor)
Device Protocol	01
Revision	0601h
Supported USB Version	2.00
Current Speed	High (USB 2.0)

[Intel(R) Wireless Bluetooth(R)]

Device Properties:

Device Description	Intel(R) Wireless Bluetooth(R)
Device ID	8087-0AAA
Device Class	E0 / 01 (Bluetooth)
Device Protocol	01
Revision	0002h
Supported USB Version	2.00
Current Speed	Full (USB 1.1)

Device Resources

Resource	Share	Device Description
IRQ 01	Exclusive	Standart PS/2 Klavye
IRQ 08	Exclusive	Sistem CMOS/gerçek zaman saati
IRQ 100	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 101	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 102	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 1024	Exclusive	ANX TypeC
IRQ 1025	Exclusive	I2C HID Aygýtý
IRQ 103	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 104	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 105	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 106	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 107	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 108	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 109	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 110	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 111	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 112	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 113	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 114	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 115	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 116	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 117	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 118	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 119	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 12	Exclusive	PS/2 Uyumlu Fare
IRQ 120	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 121	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 122	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 123	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 124	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 125	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 126	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 127	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 128	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 129	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 130	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 131	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 131071	Exclusive	Intel(R) PCI Express Root Port #9 - 34B0
IRQ 132	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 133	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 134	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 135	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 136	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 137	Exclusive	Microsoft ACPI Uyumlu Sistem

IRQ 138	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 139	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 14	Shared	Intel(R) Serial IO GPIO Host Controller - INT3455
IRQ 140	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 141	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 142	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 143	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 144	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 145	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 146	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 147	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 148	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 149	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 150	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 151	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 152	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 153	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 154	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 155	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 156	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 157	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 158	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 159	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 16	Shared	High Definition Audio Denetleyicisi
IRQ 16	Shared	Intel(R) Dynamic Tuning Processor Participant
IRQ 16	Shared	Intel(R) Serial IO I2C Host Controller - 34E8
IRQ 160	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 161	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 162	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 163	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 164	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 165	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 166	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 167	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 168	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 169	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 17	Shared	Intel(R) Serial IO I2C Host Controller - 34E9
IRQ 170	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 171	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 172	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 173	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 174	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 175	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 176	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 177	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 178	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 179	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 180	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 181	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 182	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 183	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 184	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 185	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 186	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 187	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 188	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 189	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 190	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 191	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 192	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 193	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 194	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 195	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 196	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 197	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 198	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 199	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 200	Exclusive	Microsoft ACPI Uyumlu Sistem

IRQ 201	Exclusive	Microsoft ACPI Uyumlu Sistem
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IRQ 61	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 62	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 63	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 64	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 65	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 65536	Exclusive	Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)
IRQ 65536	Exclusive	Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)
IRQ 65536	Exclusive	Intel(R) Wireless-AC 9462
IRQ 65536	Exclusive	Intel(R) Wireless-AC 9462
IRQ 65536	Exclusive	Realtek PCIe GbE Family Controller
IRQ 65536	Exclusive	Intel(R) Management Engine Interface
IRQ 65536	Exclusive	Realtek PCIE CardReader
IRQ 65536	Exclusive	Intel(R) UHD Graphics
IRQ 65536	Exclusive	Intel(R) Chipset SATA/PCIe RST Premium Controller
IRQ 66	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 67	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 68	Exclusive	Microsoft ACPI Uyumlu Sistem
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IRQ 97	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 98	Exclusive	Microsoft ACPI Uyumlu Sistem
IRQ 99	Exclusive	Microsoft ACPI Uyumlu Sistem
Memory 00000000-00FFFFFF	Exclusive	Intel(R) UHD Graphics
Memory 00000000-0FFFFFFF	Exclusive	Intel(R) UHD Graphics
Memory 000A0000-000BFFFF	Shared	PCI Express Karmaþýk Kök
Memory 01100000-0110FFFF	Exclusive	Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)
Memory 01110000-0111FFFF	Exclusive	Intel(R) Dynamic Tuning Processor Participant
Memory 01124000-01127FFF	Exclusive	Intel(R) Wireless-AC 9462
Memory 60180000-6BD7FFFF	Exclusive	Intel(R) Software Guard Extensions Device
Memory 75800000-75803FFF	Exclusive	Realtek PCIe GbE Family Controller
Memory 75800000-758FFFFF	Exclusive	Intel(R) PCI Express Root Port #9 - 34B0
Memory 75800000-BFFFFFFF	Shared	PCI Express Karmaþýk Kök
Memory 75804000-75804FFF	Exclusive	Realtek PCIe GbE Family Controller
Memory 758FF000-758FFFFF	Exclusive	Realtek PCIE CardReader
Memory 75900000-7597FFFF	Exclusive	Intel(R) Chipset SATA/PCIe RST Premium Controller
Memory 75980000-7598FFFF	Exclusive	Intel(R) USB 3.10 eXtensible Host Controller - 1.10 (Microsoft)
Memory 75990000-75997FFF	Exclusive	Intel(R) Chipset SATA/PCIe RST Premium Controller
Memory 75999000-759990FF	Exclusive	Intel(R) Chipset SATA/PCIe RST Premium Controller
Memory FD690000-FD69FFFF	Exclusive	Intel(R) Serial IO GPIO Host Controller - INT3455
Memory FD6A0000-FD6AFFFF	Exclusive	Intel(R) Serial IO GPIO Host Controller - INT3455
Memory FD6D0000-FD6DFFFF	Exclusive	Intel(R) Serial IO GPIO Host Controller - INT3455

Memory FD6E0000-FD6EFFFF	Exclusive	Intel(R) Serial IO GPIO Host Controller - INT3455
Memory FED40000-FED44FFF	Exclusive	Güvenilir Platform Modülü 2.0
Memory FFEF9000-FFEF9FFF	Exclusive	Intel(R) Serial IO I2C Host Controller - 34E8
Memory FFEFA000-FFEFAFFF	Exclusive	Intel(R) Serial IO I2C Host Controller - 34E9
Memory FFEFB000-FFEFBFFF	Exclusive	Intel(R) Management Engine Interface
Memory FFEFC000-FFEFFFFF	Exclusive	High Definition Audio Denetleyicisi
Memory FFF00000-FFFFFFFF	Exclusive	High Definition Audio Denetleyicisi
Port 0000-0CF7	Shared	PCI Express Karmaþýk Kök
Port 0060-0060	Exclusive	Standart PS/2 Klavye
Port 0062-0062	Exclusive	Microsoft ACPI-Uyumlu Katýþtýrýlmýþ Denetleyici
Port 0064-0064	Exclusive	Standart PS/2 Klavye
Port 0066-0066	Exclusive	Microsoft ACPI-Uyumlu Katýþtýrýlmýþ Denetleyici
Port 0070-0077	Exclusive	Sistem CMOS/gerçek zaman saati
Port 0D00-FFFF	Shared	PCI Express Karmaþýk Kök
Port 4000-403F	Exclusive	Intel(R) UHD Graphics
Port 4060-407F	Exclusive	Intel(R) Chipset SATA/PCIe RST Premium Controller
Port 4080-4087	Exclusive	Intel(R) Chipset SATA/PCIe RST Premium Controller
Port 4088-408B	Exclusive	Intel(R) Chipset SATA/PCIe RST Premium Controller
Port F000-FFFF	Exclusive	Intel(R) PCI Express Root Port #9 - 34B0
Port FF00-FFFF	Exclusive	Realtek PCIe GbE Family Controller

Input

[Standart PS/2 Klavye]

Keyboard Properties:

Keyboard Name	Standart PS/2 Klavye
Keyboard Type	Japanese keyboard
Keyboard Layout	Turkish Q
ANSI Code Page	1254 - Türkçe (Windows)
OEM Code Page	857
Repeat Delay	1
Repeat Rate	31

[ÝAC uyumlu fare]

Mouse Properties:

Mouse Name	ÝAC uyumlu fare
Mouse Buttons	3
Mouse Hand	Right
Pointer Speed	1
Double-Click Time	500 msec
X/Y Threshold	6 / 10
Wheel Scroll Lines	3

Mouse Features:

Active Window Tracking	Disabled
ClickLock	Disabled
Hide Pointer While Typing	Enabled
Mouse Wheel	Present
Move Pointer To Default Button	Disabled
Pointer Trails	Disabled
Sonar	Disabled

Printers

[Fax]

Printer Properties:

Printer Name	Fax
Default Printer	No

Share Point	Not shared
Printer Port	SHRFAX:
Printer Driver	Microsoft Shared Fax Driver (v4.00)
Device Name	Fax
Print Processor	winprint
Separator Page	None
Availability	Always
Priority	1
Print Jobs Queued	0
Status	Unknown

Paper Properties:

Paper Size	A4, 210 x 297 mm
Orientation	Portrait
Print Quality	200 x 200 dpi Mono

[Microsoft Print to PDF (Default)]

Printer Properties:

Printer Name	Microsoft Print to PDF
Default Printer	Yes
Share Point	Not shared
Printer Port	PORTPROMPT:
Printer Driver	Microsoft Print To PDF (v6.03)
Device Name	Microsoft Print to PDF
Print Processor	winprint
Separator Page	None
Availability	Always
Priority	1
Print Jobs Queued	0
Status	Unknown

Paper Properties:

Paper Size	A4, 210 x 297 mm
Orientation	Portrait
Print Quality	600 x 600 dpi Color

[Microsoft XPS Document Writer]

Printer Properties:

Printer Name	Microsoft XPS Document Writer
Default Printer	No
Share Point	Not shared
Printer Port	PORTPROMPT:
Printer Driver	Microsoft XPS Document Writer v4 (v6.03)
Device Name	Microsoft XPS Document Writer
Print Processor	winprint
Separator Page	None
Availability	Always
Priority	1
Print Jobs Queued	0
Status	Unknown

Paper Properties:

Paper Size	A4, 210 x 297 mm
Orientation	Portrait
Print Quality	600 x 600 dpi Color

Debug - PCI

B00 D00 F00:	Intel Ice Lake-U 2C - Host Bridge/DRAM Controller
Offset 000:	86 80 02 8A 06 00 90 00 03 00 00 06 00 00 00 00
Offset 010:	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 E0 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 01 10 DA FE 00 00 00 00 01 00 D1 FE 00 00 00 00
Offset 050: C1 02 00 00 91 00 00 00 C7 00 60 75 01 00 00 70
Offset 060: 01 00 00 C0 00 00 00 00 01 00 DA FE 00 00 00 00
Offset 070: 08 02 00 01 00 04 00 00 00 00 00 00 88 06 00 00
Offset 080: 30 33 33 33 33 33 33 10 00 00 00 00 00 00 00 00
Offset 090: 08 02 00 01 00 04 00 00 1A 02 00 01 00 04 00 00
Offset 0A0: 01 00 00 00 02 00 00 00 01 00 80 8A 02 00 00 00
Offset 0B0: 01 00 80 71 01 00 00 71 00 00 00 70 01 00 80 75
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 1A 02 00 01 00 04 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 09 00 10 01 30 60 04 F2 8C 00 04 16 49 00 5D 06
Offset 0F0: 00 00 00 00 19 0F 05 00 00 00 00 00 00 00 00 00

B00 D02 F00: Intel Ice Lake-U GT2 32EU - Integrated Graphics Controller

Offset 000: 86 80 56 8A 07 04 10 00 07 00 00 03 10 00 00 00
Offset 010: 04 00 00 00 60 00 00 00 0C 00 00 00 40 00 00 00
Offset 020: 01 40 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 01 00 00
Offset 040: 09 70 0C 01 60 05 00 00 00 00 00 00 00 00 00 00
Offset 050: C1 02 00 00 91 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 10 AC 92 00 00 80 00 10 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 05 D0 01 01
Offset 0B0: 0C F0 E0 FE 71 49 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 01 00 80 71 00 00 00 00 01 00 D9 FE 00 00 00 00
Offset 0D0: 01 00 22 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 80 00 00 00 00 00 00
Offset 0F0: C7 00 60 75 00 00 00 00 00 00 00 00 18 C0 B9 5B

B00 D04 F00: Intel Ice Lake - Dynamic Platform & Thermal Framework Processor Participant

Offset 000: 86 80 03 8A 06 00 90 00 03 00 80 11 00 00 00 00
Offset 010: 04 00 11 01 60 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 90 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 BF F4 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 05 D0 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 01 E0 03 00 08 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 09 00 0C 01 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D14 F00: Intel Ice Point-LP PCH - USB 3.1 xHCI Host Controller

Offset 000: 86 80 ED 34 00 04 90 02 30 30 03 0C 00 00 80 00
Offset 010: 04 00 98 75 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 70 00 00 00 00 00 00 00 01 00 00
Offset 040: FD 04 30 00 08 C0 03 80 00 00 00 00 00 00 00 00
Offset 050: 7F 6D DC 0F 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 31 60 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 01 80 C2 C1 0B 01 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 90 86 00 0C F0 E0 FE 00 00 00 00 51 49 00 00
Offset 090: 09 00 14 F0 10 00 40 01 00 00 00 00 C1 0A 08 00
Offset 0A0: 00 08 0E 00 00 20 00 00 8F 00 02 00 00 01 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 12 00 00 00

B00 D14 F02: Intel Ice Point-LP PCH - Shared SRAM

Offset 000: 86 80 EF 34 06 00 10 00 30 00 00 05 10 00 00 00
Offset 010: 04 80 12 01 60 00 00 00 04 E0 12 01 60 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 80 00 00 00 00 00 00 00 FF 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 01 00 03 00 08 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D14 F03: Intel Wireless-AC 9462 Wireless Network Adapter

Offset 000: 86 80 F0 34 06 04 10 00 30 00 80 02 10 00 80 00
Offset 010: 04 40 12 01 60 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 86 80 A4 02
Offset 030: 00 00 00 00 C8 00 00 00 00 00 00 00 00 01 00 00
Offset 040: 10 80 92 00 C0 0E 00 10 10 0C 10 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 12 08 08 00 05 04 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 11 00 0F 80 00 20 00 00 00 30 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 01 D0 23 C8 08 00 00 0D
Offset 0D0: 05 40 80 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B00 D15 F00: Intel Ice Point-LP PCH - I2C Controller 0

Offset 000: 86 80 E8 34 06 00 10 00 30 00 80 0C 10 00 80 00
Offset 010: 04 90 EF FF 7F 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 80 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 01 90 03 00 08 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 09 00 14 F0 10 00 40 01 01 21 00 00 C1 24 00 00
Offset 0A0: 00 08 0F 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D15 F01: Intel Ice Point-LP PCH - I2C Controller 1

Offset 000: 86 80 E9 34 00 04 10 00 30 00 80 0C 10 00 80 00
Offset 010: 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 80 00 00 00 00 00 00 00 11 02 00 00

Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 01 90 03 00 0B 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 09 00 14 F0 10 00 40 01 01 21 00 00 C1 24 00 00
Offset 0A0: 00 08 0F 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D16 F00: Intel Ice Point-LP PCH - HECI Controller 1

Offset 000: 86 80 E0 34 06 04 10 00 30 00 80 07 00 00 80 00
Offset 010: 04 B0 EF FF 7F 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 00 01 00 00
Offset 040: 55 02 00 90 00 00 00 80 06 05 F1 00 00 00 00 00
Offset 050: 01 8C 03 40 08 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 20 00 00 00 00 40 00 00 00 00 00 00 00 00 40 00
Offset 070: 00 00 00 00 00 00 00 E0 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 05 A4 81 00
Offset 090: 0C F0 E0 FE 00 00 00 00 82 49 00 00 00 00 00 00
Offset 0A0: 04 00 00 00 09 00 14 F0 10 00 40 01 00 00 00 00
Offset 0B0: 01 80 00 00 38 0D 0E 00 00 00 00 00 00 00 00 40
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D17 F00: Intel Ice Point-LP PCH - SATA RAID Controller

Offset 000: 86 80 2A 28 07 04 B0 02 30 00 04 01 00 00 00 00
Offset 010: 00 00 99 75 00 90 99 75 81 40 00 00 89 40 00 00
Offset 020: 61 40 00 00 00 00 90 75 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 D0 00 00 00 00 00 00 00 00 01 00 00
Offset 040: 00 00 21 01 00 0C 00 00 1F 00 20 01 00 0C 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 01 A8 03 40 08 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 70 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 FB 00 04 00 04 00 00 00 00 00 26 00 01 80
Offset 0A0: 1C 00 00 00 39 00 00 00 12 00 10 00 48 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 11 70 00 80 00 00 00 00 01 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D1D F00: Intel Ice Point-LP PCH - PCI Express Root Port 9

Offset 000: 86 80 B0 34 07 04 10 00 30 00 04 06 10 00 81 00
Offset 010: 00 00 00 00 00 00 00 00 00 01 01 00 F0 F0 00 20
Offset 020: 80 75 80 75 F1 FF 01 00 00 00 00 00 00 00 00 00
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 00 01 00 00
Offset 040: 10 80 42 01 01 80 00 00 07 00 11 00 13 48 72 09
Offset 050: 42 00 11 70 00 B2 44 00 00 00 40 01 08 00 00 00
Offset 060: 00 00 00 00 37 08 00 00 00 04 00 00 0E 00 00 00
Offset 070: 03 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 05 90 01 00 0C F0 E0 FE 50 49 00 00 00 00 00 00
Offset 090: 0D A0 00 00 58 15 D1 40 00 00 00 00 00 00 00 00
Offset 0A0: 01 00 03 C8 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 01 10 00 07 42 18 00 00 08 00 9E 09 00 00 00 00

Offset 0E0: 00 F7 73 00 00 00 00 00 16 80 12 00 00 00 00 00
Offset 0F0: 50 01 00 00 00 03 00 40 B5 0F 30 01 04 00 00 01

B00 D1F F00: Intel Ice Point-LP PCH Premium - eSPI Controller [D0]

Offset 000: 86 80 82 34 07 04 00 00 30 00 01 06 00 00 80 00
Offset 010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 10 00 00 3C 69 00 04 00 21 33 0C 00 81 00 0C 00
Offset 090: 00 00 00 00 10 2F 00 00 01 00 70 FE 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 CF FF 00 00 84 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D1F F03: Intel Ice Point-LP PCH - cAVS (Audio, Voice, Speech)

Offset 000: 86 80 C8 34 00 04 10 00 30 00 03 04 10 20 00 00
Offset 010: 04 C0 EF FF 7F 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 04 00 F0 FF 7F 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 50 00 00 00 00 00 00 00 10 01 00 00
Offset 040: 00 00 00 00 00 00 00 00 FF 09 7B 00 00 00 00 00
Offset 050: 01 80 43 C0 0B 01 00 00 00 00 00 00 00 00 00 00
Offset 060: 05 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 10 00 91 00 00 00 00 10 00 28 10 00 00 00 00 00
Offset 080: 09 60 14 F0 10 00 40 01 00 00 00 00 A1 04 01 00
Offset 090: 00 08 28 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 02 06 02 30 00 60 80 04 00 0C A5 82 10 00 03 00
Offset 0D0: 00 0C B5 02 10 00 03 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D1F F04: Intel Ice Point-LP PCH - SMBus Controller

Offset 000: 86 80 A3 34 03 00 80 02 30 00 05 0C 00 00 00 00
Offset 010: 04 A0 12 01 60 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 41 40 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 FF 01 00 00
Offset 040: 11 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 01 04 00 00 01 01 00 00 00 00 00 00 00 00 00 00
Offset 060: 04 05 05 00 00 00 0A 0A 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 24 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 21 01 00 0C 00 00 1F 00 20 01 00 0C 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B00 D1F F05: Intel Ice Point-LP PCH - SPI (Flash) Controller

Offset 000: 86 80 A4 34 06 04 00 00 30 00 80 0C 00 00 00 00
Offset 010: 00 00 01 FE 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Offset 050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 00 00 00 00 00 00 00 00 CF FF 00 00 88 08 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 B5 0F 30 01 00 00 00 00

B01 D00 F00: Realtek RTS5287 PCI-E Card Reader

Offset 000: EC 10 87 52 06 04 10 00 01 00 00 FF 10 00 80 00
Offset 010: 00 F0 8F 75 00 00 00 00 00 00 00 00 00 00 00 00
Offset 020: 00 00 00 00 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 00 02 00 00
Offset 040: 01 50 C3 F7 00 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 05 70 81 00 0C F0 E0 FE 00 00 00 00 92 49 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 10 B0 02 00 C0 8C 90 05 17 20 19 00 11 7C 47 00
Offset 080: 42 01 11 10 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 1F 08 0C 00 00 04 00 00 02 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 11 D0 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B01 D00 F01: Realtek RTL8168/8111 PCI-E Gigabit Ethernet Adapter

Offset 000: EC 10 68 81 07 04 10 00 12 00 00 02 10 00 80 00
Offset 010: 01 FF 00 00 00 00 00 00 04 40 80 75 00 00 00 00
Offset 020: 04 00 80 75 00 00 00 00 00 00 00 00 58 15 D1 40
Offset 030: 00 00 00 00 40 00 00 00 00 00 00 00 00 01 00 00
Offset 040: 01 50 C3 FF 08 00 00 00 00 00 00 00 00 00 00 00
Offset 050: 05 70 80 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 070: 10 B0 02 02 C0 8C 90 05 17 50 19 00 11 7C 47 00
Offset 080: 42 01 11 10 00 00 00 00 00 00 00 00 00 00 00 00
Offset 090: 00 00 00 00 1F 08 0C 00 10 00 00 00 02 00 00 00
Offset 0A0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0B0: 11 D0 03 80 04 00 00 00 04 08 00 00 00 00 00 00
Offset 0C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0D0: 03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 0F0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 4000: 08 38 86 18 10 84 08 01 00 00 00 00 04 04 04 04
Offset 4010: 04 04 04 04 04 04 04 04 04 04 04 04 00 00 00 00
Offset 4020: 19 19 19 19 19 19 19 19 00 00 00 00 04 00 20 06
Offset 4030: 00 00 00 00 00 0C 00 00 00 00 00 00 40 00 60 00
Offset 4040: 40 60 30 00 46 00 00 00 00 00 00 00 00 00 00 00
Offset 4050: 04 04 44 04 04 00 00 00 00 00 00 00 00 00 00 00
Offset 4060: 00 00 00 00 00 00 00 00 38 28 3B 00 10 10 40 16
Offset 4070: 00 00 85 01 04 00 00 00 00 00 30 00 00 00 00 00
Offset 4080: 00 00 00 00 00 00 00 00 20 10 02 04 04 00 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 4200: 00 00 00 00 0F 00 00 00 00 00 00 00 00 00 00 00
Offset 4210: 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4220: 00 00 00 00 03 03 03 03 01 01 01 01 00 00 00 00
Offset 4230: 10 02 21 20 10 02 21 64 0F 98 02 46 04 10 B4 00

Offset 4240: 00 02 00 01 00 00 00 00 80 00 01 32 00 00 00 00
Offset 4250: 00 00 00 00 00 01 00 00 00 1C 00 00 00 00 00 00
Offset 4260: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4270: 00 00 00 00 FF FF FF FF 03 00 00 00 00 00 00 00
Offset 4280: 10 02 21 20 10 02 21 64 11 F0 70 01 04 04 03 02
Offset 4290: C6 00 00 00 56 00 00 00 56 00 00 00 56 00 00 00
Offset 42A0: 56 00 00 00 56 00 00 00 56 00 00 00 56 00 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 4400: 13 56 0A 2A 1C A7 60 02 00 00 00 00 08 04 08 08
Offset 4410: 0A 0A 0A 0A 22 1C 06 06 08 04 08 08 00 00 00 00
Offset 4420: 26 26 19 26 19 19 19 19 00 00 00 00 04 00 20 06
Offset 4430: 00 00 00 00 00 0C 00 00 00 00 00 00 40 00 60 00
Offset 4440: 40 60 30 00 46 00 00 00 00 00 00 00 00 00 00 00
Offset 4450: 07 08 A0 18 2A 00 00 00 00 00 00 00 00 00 00 00
Offset 4460: 00 00 00 00 00 00 00 00 38 28 3B 00 10 10 40 16
Offset 4470: 10 00 93 04 1E 00 00 00 00 00 30 00 00 00 00 00
Offset 4480: 00 00 21 20 00 00 00 00 60 43 87 BF 05 00 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 4600: 00 00 00 00 0F 00 00 00 00 00 00 00 00 00 00 00
Offset 4610: 00 0D 20 01 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4620: 00 00 00 00 03 03 03 03 00 01 01 00 00 00 00 00
Offset 4630: 10 02 21 20 10 02 21 64 40 98 02 B4 A0 28 5B 01
Offset 4640: 00 04 00 62 00 40 00 00 80 00 02 00 F0 08 00 00
Offset 4650: 00 00 00 00 09 00 00 00 00 1C 00 00 00 00 00 00
Offset 4660: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4670: 00 00 00 00 FF FF FF FF 04 00 00 00 00 00 00 00
Offset 4680: 10 02 21 20 10 02 21 64 11 00 70 01 04 04 03 02
Offset 4690: C6 00 00 00 45 00 00 00 45 00 00 00 45 00 00 00
Offset 46A0: 45 00 00 00 45 00 00 00 45 00 00 00 45 00 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 4800: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 4810: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 4A80: 5B C5 4D 3A 5B C5 4D 3A 5B C5 4D 3A 5B C5 4D 3A
Offset 4A90: 5B C5 4D 3A 5B C5 4D 3A 5B C5 4D 3A 5B C5 4D 3A

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 5000: 10 00 00 00 00 00 00 00 10 01 00 00 00 00 00 00
Offset 5010: 10 02 00 00 00 00 00 00 00 00 00 00 02 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 5880: 60 01 00 00 03 00 00 00 00 00 00 00 00 00 00 00
Offset 5890: FF FF 00 00 FF FF 00 00 FF FF 00 00 FF FF 00 00
Offset 58A0: 00 00 00 00 07 00 00 00 00 00 00 00 00 00 00 00
Offset 58B0: 00 00 00 00 00 00 00 00 00 00 00 00 7F 00 00 00
Offset 58C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 58D0: FF FF 00 00 FF FF 00 00 FF FF 00 00 FF FF 00 00
Offset 58E0: 00 00 00 00 DE 00 54 00 00 00 00 00 00 00 00 00
Offset 58F0: 00 00 00 00 00 00 00 00 F4 36 00 00 00 00 00 18
Offset 5900: 00 00 00 10 00 00 00 01 00 00 00 00 02 00 00 00
Offset 5910: 00 00 00 00 00 00 00 00 28 08 00 20 20 DD 17 00
Offset 5920: 09 00 00 00 0D 00 00 00 E4 05 CC 03 BB 0E 0C 00
Offset 5930: 78 00 00 00 00 00 00 00 03 0E 0A 00 37 B0 82 04
Offset 5940: 5B C4 EC 57 3A 50 1E 00 00 00 00 00 00 00 00 00
Offset 5950: 00 00 00 00 00 00 1C 00 00 0C 81 F1 3A 04 04 00
Offset 5960: 0E EA 94 00 00 00 00 00 1A 6B 00 61 FB 11 B4 AF

Offset 5970: 00 00 00 00 9C D3 05 3C 4A 00 00 00 4A 00 00 00
Offset 5980: 3D 00 00 00 9B 4D 3E 97 00 00 00 00 00 00 00 00
Offset 5990: 00 00 00 00 12 00 00 00 12 06 06 00 00 00 64 02
Offset 59A0: F0 80 1F 00 E8 81 42 00 00 00 00 00 00 00 00 00
Offset 59B0: 30 02 00 00 00 00 00 00 2D 08 00 2D 00 00 00 00
Offset 59C0: 00 00 27 88 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086-8A02: Intel SNB/IVB/HSW/CRW/BDW/SKL/KBL/CFL/WHL/CNL/CML/ICL/RKL/TGL/JSL MCHBAR

Offset 5E00: 0A 00 01 00 0A 00 01 00 00 00 00 00 00 00 00 00
Offset 5E10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

PCI-8086-8A02: Intel ICL/RKL/TGL MCHBAR

Offset 5F00: 06 27 00 00 11 00 00 00 14 00 00 00 00 00 00 00
Offset 5F10: 00 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00
Offset 5F20: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 5F30: 00 00 00 00 00 00 00 00 00 00 00 00 0C 00 00 00
Offset 5F40: 60 00 09 00 00 00 00 00 00 00 00 00 00 00 00 00
Offset 5F50: 00 00 00 00 0B 00 00 00 00 00 00 00 00 00 00 00
Offset 5F60: C4 85 01 00 C4 85 01 00 00 00 00 00 00 00 00 00
Offset 5F70: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Debug - Video BIOS

C000:0000 ..'.m..0.....&.l.....&.l....Q.....n.....Q....N.
C000:0040 .v.v.v.vB[..... .v.v.v.vFK.....0.v.v.v.vV.._.....v.v.v.vV.._....
C000:0080 .E*..&..'d..D..U.e(.....#@..@..u.e(.....D..`..uGe....$.Cd.. ..u
C000:00C0 .o7.....o6...../&..L.....I/&.QL*.....
C000:0100 D,;..4XO6..BW9..D,?..4\Ov..B.)..T,/..4LO6..RU)...,...4.O6..SU(..
C000:0140 YA@"....b.....c\SD"....f.....c|Qf2...[6....V..\Pd3.....S..F(.
C000:0180 .oG...f^T.}{.)...oG...v^R.{.)....O..c~.V..{.).....c<....{K)a.
C000:01C0 .x.....x.2..v..h.....h."..r..i.....h."..b..h....J..h."..".
C000:0200 uJ'@....n1.J_..)w.%@....l..j]..I.-@....l..j]..../@.....2j..*.
C000:0240 M.....6..."h.U:.L.....7..."..w:.D.....?...*..w2.D.....?...*..u2.
C000:0280 zNz.z.z.....$Bn>.~.z.~.....4@~~f~n~n~n~n.....4Pf~n~n~n~n.....5P
C000:02C0 ..f..v.....5w..V.....p....=w..V.....5w..V.....
C000:0300 7;.../...;R..X..7..../...;R..X..'....o...{Z.....g....o...zZ.....
C000:0340 :.p..(.b.<.....G;.q.V(.b.....G;.q<....>|.....{.5<....>}.....
C000:0380 Y..."]....[....|...."}./.....\Y... }./..S.9...Y..."}./.....
C000:03C0 5jN..r,.;....L..wJL..R/):....V..7BL..B/)*....\..wJ...Rm)..t..\l.

Debug - Unknown

BIOS Unknown
NIC PHY Unknown (FFFF-FFFF)

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