



CPU-Z	
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Binaries	
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CPU-Z version	2.08.0.x64
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Processors	
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CPU Groups	1
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CPU Group 0	16 threads, mask=0xFFFF
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Number of sockets	1
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Number of threads	16
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APICs	
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Socket 0	
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-- Node 0	
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-- CCX 0	
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-- Core 0 (ID 0)	
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-- Thread 0	0
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-- Thread 1	1
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-- Core 1 (ID 1)	
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-- Thread 2	2
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-- Thread 3	3
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-- Core 2 (ID 2)	
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-- Thread 4	4
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-- Thread 5	5
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-- Core 3 (ID 3)	
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-- Thread 6	6
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-- Thread 7	7
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-- CCX 1	
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-- Core 4 (ID 4)	
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-- Thread 8	8
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-- Thread 9	9
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-- Core 5 (ID 5)	
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-- Thread 10	10
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-- Thread 11	11
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-- Core 6 (ID 6)	
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-- Thread 12	12
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-- Thread 13	13
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-- Core 7 (ID 7)	
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-- Thread 14	14
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-- Thread 15	15
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Timers	
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ACPI timer	3.580 MHz
Perf timer	10.000 MHz
Sys timer	1.000 KHz

Processors Information	
Socket 1	ID = 0
Number of cores	8 (max 8)
Number of threads	16 (max 16)
Number of CCDs	0
Manufacturer	AuthenticAMD
Name	AMD Ryzen 7 1700X
Codename	Summit Ridge
Specification	AMD Ryzen 7 1700X Eight-Core Processor
Package	Socket AM4 (1331)
CPUID	F.1.1
Extended CPUID	17.1
Core Stepping	ZP-B1
Technology	14 nm
TDP Limit	95.0 Watts
Tjmax	75.0 °C
Core Speed	2198.7 MHz
Multiplier x Bus Speed	22.0 x 99.9 MHz
Base frequency (cores)	99.9 MHz
Base frequency (mem.)	99.9 MHz
Instructions sets	MMX (+), SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, SSE4A, x86-64, AMD-V, AES, AVX, AVX2, FMA3, SHA
Microcode Revision	0x8001138
L1 Data cache	8 x 32 KB (8-way, 64-byte line)
L1 Instruction cache	8 x 64 KB (4-way, 64-byte line)
L2 cache	8 x 512 KB (8-way, 64-byte line)
L3 cache	2 x 8 MB (16-way, 64-byte line)
Max CPUID level	0000000Dh
Max CPUID ext. level	8000001Fh
FID/VID Control	yes
# of P-States	3
P-State	FID 0x888 - VID 0x20 (34.00x - 1.350 V)
P-State	FID 0x878 - VID 0x2C (30.00x - 1.275 V)
P-State	FID 0xC84 - VID 0x68 (22.00x - 0.900 V)
PStateReg	0x80000000-0x48880888
PStateReg	0x80000000-0x478B0878
PStateReg	0x80000000-0x459A0C84
PStateReg	0x00000000-0x00000000
PStateReg	0x00000000-0x00000000
PStateReg	0x00000000-0x00000000
PStateReg	0x00000000-0x00000000

PStateReg	0x00000000-0x00000000
Package Type	0x2
Model	00
String 1	0x0
String 2	0x0
Page	0x0
Power Unit	0.0
Attached device	PCI device at bus 0, device 24, function 0
100	00000000 C0000001 00000000 00000000
110	00000083 00083000 00000000 00000000
120	00000000 00000000 00000000 00000000
130	00000000 00000000 00000000 00000000
140	00000000 00000000 00000000 00000000
150	00000000 00000000 00000000 00000000
160	00000000 00000000 00000000 00000000
170	00000000 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000000 00000000 00000000 00000000
1A0	00000000 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 00000000
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000000 00000000
Attached device	PCI device at bus 0, device 24, function 1
100	00000000 00000003 00000000 00000000
110	00100000 00100020 00100020 00100000
120	00100000 00000000 00000000 00000000
130	00000000 00000000 00100000 00100020
140	00100020 00000000 00100000 00000000
150	00000000 00000000 00000000 00000000
160	00001020 00000000 00000000 00000000
170	00000000 0000810D 00000000 00008105
180	00000000 00000040 00000000 00000030
190	00000000 00000040 0000003E 00000001
1A0	48201020 00000000 00000000 00000000
1B0	0003040C 00000048 00000040 00000000
1C0	00000020 00000034 01003030 00000000
1D0	00000000 00000000 00000000 00000000
1E0	00000004 0001014E 00000048 00000000
1F0	00000000 00000000 00000000 00000000
Attached device	PCI device at bus 0, device 24, function 2
100	00000000 00000000 00000000 00000000
110	00000000 00000000 00000000 00000000

120	00000000 00000000 00000000 00000000
130	00010001 00010001 00010001 00010001
140	00010001 00010001 00010001 00010001
150	00000000 00000000 00000000 00000000
160	00000000 00000000 00000000 00000000
170	00000000 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000000 00000000 00000000 00000000
1A0	00000000 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 00000000
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000000 00000000

Attached device	PCI device at bus 0, device 24, function 3
100	00000000 143F1FC2 0380FC40 00000000
110	00000000 00000000 00000000 00000000
120	00000000 00000000 00000000 00000000
130	00000000 00000000 00000000 00000000
140	00000000 00000000 00000000 00000000
150	00000000 00000000 00000000 00000000
160	00000000 00000000 00000000 00000000
170	00000000 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000000 00000000 00000000 00000000
1A0	00000000 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 00000000
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000000 00000000

Attached device	PCI device at bus 0, device 24, function 4
100	00000000 0000015F 000009FF 000002BF
110	00400000 00010000 0001E000 0001FF01
120	0001FF00 00010000 0001FF02 0001FF07
130	0001FF03 00010000 0001FF02 00000000
140	00000000 00000000 00000000 00000000
150	00000000 00000000 00000000 00000000
160	00000000 00000000 00000000 00000000
170	00000000 00000000 00000000 00000000
180	000F0F0F 000F0F0F 001B1B1B 000F0F0F
190	000F0F0F 000F0F0F 00000000 00000000
1A0	00000000 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000

1D0	00000000 00000000 00000000 00000000
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000000 00000000
Attached device	PCI device at bus 0, device 24, function 5
100	00000000 04000000 00700281 00000000
110	00000000 00000000 00000000 00000000
120	00000000 00000000 00000000 00000000
130	00000000 00000000 00000000 00000000
140	00000000 00000000 00000000 00000000
150	00000000 00000000 00000000 00000000
160	00000000 00000000 00000000 00000000
170	00000000 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000008 00000100 00000000 00000000
1A0	00000000 00000040 00200000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 00000000
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000000 00000000

Attached device	PCI device at bus 0, device 24, function 6
100	00000000 00000000 00000000 00000000
110	00000000 00000000 00000000 00000000
120	00000000 00000000 00000000 00000000
130	00000000 00000000 FFFF0000 00000000
140	00000006 00000000 00000000 00000000
150	00000000 00000000 00000000 00000000
160	00000000 00000000 00000000 00000000
170	00000000 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000000 00000000 00000000 00000000
1A0	00000000 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 00000000
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000083 90000000

Attached device	PCI device at bus 0, device 24, function 7
100	00000000 00000000 00000000 00000000
110	00000000 00000000 00000000 00000000
120	00000000 00000000 00000000 00000000
130	00000000 00000000 00000000 00000000
140	00000000 00000000 00000000 00000000
150	00000000 00000000 00000000 00000000

160	00000000 00000000 00000000 00000000
170	00000000 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000000 00000000 00000000 00000000
1A0	00000000 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 00000000
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000000 00000000

SMU Version	25.86.00
TDP/TJMAX	0x5F004B
TCTL Offset	0x14

Temperature 0	29 degC (83 degF) (Package)
Voltage 0	0.89 Volts (VID)
Voltage 1	0.87 Volts (CPU VDD)
Voltage 2	0.89 Volts (SoC VDD)
Power 00	18.47 W (Package)
Power 01	3.31 W (Cores)
Power 02	1.07 W (Core #0)
Power 03	1.26 W (Core #1)
Power 04	0.42 W (Core #2)
Power 05	0.53 W (Core #3)
Power 06	0.00 W (Core #4)
Power 07	0.00 W (Core #5)
Power 08	0.00 W (Core #6)
Power 09	0.01 W (Core #7)
Clock Speed 0	2198.70 MHz (Core #0)
Clock Speed 1	2198.70 MHz (Core #1)
Clock Speed 2	2198.70 MHz (Core #2)
Clock Speed 3	2198.70 MHz (Core #3)
Clock Speed 4	2198.70 MHz (Core #4)
Clock Speed 5	2198.70 MHz (Core #5)
Clock Speed 6	2198.70 MHz (Core #6)
Clock Speed 7	2198.70 MHz (Core #7)
Core 0 max ratio	(effective) 30.00
Core 1 max ratio	(effective) 30.00
Core 2 max ratio	(effective) 22.00
Core 3 max ratio	(effective) 22.00
Core 4 max ratio	(effective) 22.00
Core 5 max ratio	(effective) 22.00
Core 6 max ratio	(effective) 22.00
Core 7 max ratio	(effective) 22.00

Chipset	
Northbridge	AMD Ryzen SOC rev. 00
Southbridge	AMD X370 rev. 51
Bus Specification	PCI-Express 3.0 (8.0 GT/s)
Graphic Interface	PCI-Express 3.0
PCI-E Link Width	x16 (max 16x)
PCI-E Link Speed	8.0 GT/s (max 8.0 GT/s)
Memory Type	DDR4
Memory Size	32 GBytes
Channels	2 x 64-bit
Memory Frequency	1066.0 MHz (3:32)
Memory Max Frequency	1333.3 MHz
CAS# latency (CL)	15.0
RAS# to CAS# delay (tRCD)	15
RAS# Precharge (tRP)	15
Cycle Time (tRAS)	36
Bank Cycle Time (tRC)	51
Command Rate (CR)	2T
Uncore Frequency	1066.0 MHz
Memory SPD	
DIMM #	1
SMBus address	0x52
Memory type	DDR4
Module format	UDIMM
Module Manufacturer(ID)	G.Skill (7F7F7F7FCD00000000000000000000)
SDRAM Manufacturer (ID)	SK Hynix (AD000000000000000000000000000000)
Size	16384 MBytes
Max bandwidth	DDR4-3200 (1600 MHz)
Max JEDEC	DDR4-2133 (1066 MHz)
Part number	F4-3200C16-16GTZKY
Nominal Voltage	1.20 Volts
EPP	no
XMP	yes, rev. 2.0
AMP	no
EXPO	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	10.0-11-11-25-35 @ 733 MHz
JEDEC #2	11.0-11-11-27-38 @ 800 MHz
JEDEC #3	12.0-12-12-29-41 @ 866 MHz
JEDEC #4	13.0-13-13-31-44 @ 933 MHz
JEDEC #5	14.0-15-15-35-49 @ 1033 MHz
JEDEC #6	15.0-15-15-36-50 @ 1066 MHz
JEDEC #7	16.0-15-15-36-50 @ 1066 MHz
XMP profile	XMP-3200
Specification	DDR4-3200

VDD Voltage	1.350 Volts
Min Cycle time	0.625 ns (1600 MHz)
Max CL	16.0
Min tRP	11.25 ns
Min tRCD	11.25 ns
Min tRAS	23.75 ns
Min tRC	35.00 ns
Min tRRD	3.50 ns
XMP timings table	CL-tRCD-tRP-tRAS-tRC-CR @ frequency (voltage)
XMP #1	16.0-18-18-38-56-n.a @ 1600 MHz (1.350 Volts)
DIMM #	2
SMBus address	0x53
Memory type	DDR4
Module format	UDIMM
Module Manufacturer(ID)	G.Skill (7F7F7F7FCD00000000000000000000)
SDRAM Manufacturer (ID)	SK Hynix (AD000000000000000000000000000000)
Size	16384 MBytes
Max bandwidth	DDR4-3200 (1600 MHz)
Max JEDEC	DDR4-2133 (1066 MHz)
Part number	F4-3200C16-16GTZKY
Nominal Voltage	1.20 Volts
EPP	no
XMP	yes, rev. 2.0
AMP	no
EXPO	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	10.0-11-11-25-35 @ 733 MHz
JEDEC #2	11.0-11-11-27-38 @ 800 MHz
JEDEC #3	12.0-12-12-29-41 @ 866 MHz
JEDEC #4	13.0-13-13-31-44 @ 933 MHz
JEDEC #5	14.0-15-15-35-49 @ 1033 MHz
JEDEC #6	15.0-15-15-36-50 @ 1066 MHz
JEDEC #7	16.0-15-15-36-50 @ 1066 MHz
XMP profile	XMP-3200
Specification	DDR4-3200
VDD Voltage	1.350 Volts
Min Cycle time	0.625 ns (1600 MHz)
Max CL	16.0
Min tRP	11.25 ns
Min tRCD	11.25 ns
Min tRAS	23.75 ns
Min tRC	35.00 ns
Min tRRD	3.50 ns
XMP timings table	CL-tRCD-tRP-tRAS-tRC-CR @ frequency (voltage)
XMP #1	16.0-18-18-38-56-n.a @ 1600 MHz (1.350 Volts)

Monitoring	
Mainboard Model	AX370-Gaming K3 (0x00000451 - 0x5A35CB24)
LPCIO	
LPCIO Vendor	ITE
LPCIO Model	IT8686
LPCIO Vendor ID	0x90
LPCIO Chip ID	0x8686
LPCIO Revision ID	0x2
Hardware Monitors	
Hardware monitor	ITE IT8686
Voltage 0	0.91 Volts [0x4C] (CPU VCORE)
Voltage 1	2.00 Volts [0xA7] (VIN1)
Voltage 2	2.02 Volts [0xA8] (VIN2)
Voltage 3	2.03 Volts [0xA9] (VIN3)
Voltage 4	0.88 Volts [0x49] (VIN4)
Voltage 5	0.94 Volts [0x4E] (VIN5)
Voltage 6	1.22 Volts [0x66] (VIN6)
Voltage 7	1.67 Volts [0x8B] (VIN7)
Voltage 8	1.63 Volts [0x88] (VIN8)
Temperature 0	32 degC (89 degF) [0x20] (TMPIN0)
Temperature 1	40 degC (104 degF) [0x28] (TMPIN1)
Temperature 2	26 degC (78 degF) [0x1A] (TMPIN2)
Temperature 3	37 degC (98 degF) [0x25] (TMPIN3)
Temperature 4	40 degC (104 degF) [0x28] (TMPIN4)
Temperature 5	40 degC (104 degF) [0x28] (TMPIN5)
Fan 0	1467 RPM [0x1CC] (CPU)
Fan 1	429 RPM [0x626] (FANIN1)
Fan 3	913 RPM [0x2E3] (FANIN3)
Hardware monitor	AMD ADL
Power 01	8.33 W (GPU)
Clock Speed 0	330.75 MHz [0x14A] (Graphics)
Clock Speed 1	300.00 MHz [0x12C] (Memory)
Clock Speed 2	n.a. (Processor)
PCI Devices	
Description	Host Bridge
Location	bus 0 (0x00), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1450
Revision ID	0x00
PCI header	

Subvendor ID	0x1022 (AMD)
Subsystem ID	0x1450
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 1 (0x01), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1452
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 1 (0x01), function 1 (0x01)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1453
Revision ID	0x00
PCI header	
Primary bus	0x00
Secondary bus	0x01
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	Root Port of PCI-E Root Complex
Port	1
Caps version	2.0
Physical slot	#0
Presence detect	yes
Link width	4x (max 4x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	Subsystem Vendor

Caps offset	0xC0
SubVendor ID	0x1022 (AMD)
SubSystem ID	0x1453
PCI capability	
Caps class	HyperTransport
Caps offset	0xC8
Interface type	MSI Mapping
Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 1 (0x01), function 3 (0x03)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1453
Revision ID	0x00
PCI header	
Primary bus	0x00
Secondary bus	0x02
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	Root Port of PCI-E Root Complex
Port	2
Caps version	2.0
Physical slot	#0
Presence detect	yes
Link width	4x (max 4x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1022 (AMD)
SubSystem ID	0x1453
PCI capability	
Caps class	HyperTransport
Caps offset	0xC8
Interface type	MSI Mapping
Description	Host Bridge

Location	bus 0 (0x00), device 2 (0x02), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1452
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 3 (0x03), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1452
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 3 (0x03), function 1 (0x01)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1453
Revision ID	0x00
PCI header	
Primary bus	0x00
Secondary bus	0x0A
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	Root Port of PCI-E Root Complex
Port	0
Caps version	2.0
Physical slot	#0
Presence detect	yes
Link width	16x (max 16x)

Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1022 (AMD)
SubSystem ID	0x1453
PCI capability	
Caps class	HyperTransport
Caps offset	0xC8
Interface type	MSI Mapping
Description	Host Bridge
Location	bus 0 (0x00), device 4 (0x04), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1452
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 7 (0x07), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1452
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 7 (0x07), function 1 (0x01)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1454
Revision ID	0x00
PCI header	
Primary bus	0x00
Secondary bus	0x0B

Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	Root Port of PCI-E Root Complex
Port	0
Caps version	2.0
Physical slot	Integrated device
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1022 (AMD)
SubSystem ID	0x1454
PCI capability	
Caps class	HyperTransport
Caps offset	0xC8
Interface type	MSI Mapping
Description	Host Bridge
Location	bus 0 (0x00), device 8 (0x08), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1452
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 8 (0x08), function 1 (0x01)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1454
Revision ID	0x00
PCI header	

Primary bus	0x00
Secondary bus	0x0C
Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	Root Port of PCI-E Root Complex
Port	0
Caps version	2.0
Physical slot	Integrated device
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1022 (AMD)
SubSystem ID	0x1454
PCI capability	
Caps class	HyperTransport
Caps offset	0xC8
Interface type	MSI Mapping
Description	SMBus Controller
Location	bus 0 (0x00), device 20 (0x14), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x790B
Revision ID	0x59
PCI header	
Subvendor ID	0x1458 (GIGABYTE)
Subsystem ID	0x5001
Int. Line	0x00
Int. Pin	0x00
Description	PCI to ISA Bridge
Location	bus 0 (0x00), device 20 (0x14), function 3 (0x03)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x790E

Revision ID	0x51
PCI header	
Subvendor ID	0x1458 (GIGABYTE)
Subsystem ID	0x5001
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1460
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 1 (0x01)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1461
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 2 (0x02)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1462
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 3 (0x03)
Common header	
Vendor ID	0x1022 (AMD)

Model ID	0x1463
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 4 (0x04)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1464
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 5 (0x05)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1465
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 6 (0x06)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1466
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 7 (0x07)
Common header	

Vendor ID	0x1022 (AMD)
Model ID	0x1467
Revision ID	0x00
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
Description	NVM Express (NVMe) Controller
Location	bus 1 (0x01), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x144D (Samsung)
Model ID	0xA808
Revision ID	0x00
PCI header	
Address 0 (memory)	0x00000000FCF00004
Subvendor ID	0x144D (Samsung)
Subsystem ID	0xA801
Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.2
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	PCI Express
Caps offset	0x70
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	4x (max 4x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	MSI-X
Caps offset	0xB0
Description	USB Controller (xHCI)
Location	bus 2 (0x02), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B9
Revision ID	0x02
PCI header	

Address 0 (memory)	0x00000000FC9A0004
Subvendor ID	0x1B21 (ASMedia)
Subsystem ID	0x1142
Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Legacy PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	4x (max 4x)
Link speed	8.0 GT/s (max 8.0 GT/s)
Description	Serial ATA Controller - AHCI
Location	bus 2 (0x02), device 0 (0x00), function 1 (0x01)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B5
Revision ID	0x02
PCI header	
Address 5 (memory)	0xFC980000
Subvendor ID	0x1B21 (ASMedia)
Subsystem ID	0x1062
Int. Line	0x00
Int. Pin	0x02
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Legacy PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	4x (max 4x)

Link speed	8.0 GT/s (max 8.0 GT/s)
Description	PCI to PCI Bridge
Location	bus 2 (0x02), device 0 (0x00), function 2 (0x02)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B0
Revision ID	0x02
PCI header	
Primary bus	0x02
Secondary bus	0x03
Int. Line	0x05
Int. Pin	0x03
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Upstream Port of PCI-E Switch
Port	0
Caps version	2.0
Link width	4x (max 4x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1B21 (ASMedia)
SubSystem ID	0x0201
Description	PCI to PCI Bridge
Location	bus 3 (0x03), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B4
Revision ID	0x02
PCI header	
Primary bus	0x03
Secondary bus	0x04
Int. Line	0x0B
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts

Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Downstream Port of PCI-E Switch
Port	0
Caps version	2.0
Physical slot	#0
Presence detect	yes
Link width	2x (max 2x)
Link speed	5.0 GT/s (max 5.0 GT/s)
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1B21 (ASMedia)
SubSystem ID	0x3306
Description	PCI to PCI Bridge
Location	bus 3 (0x03), device 2 (0x02), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B4
Revision ID	0x02
PCI header	
Primary bus	0x03
Secondary bus	0x05
Int. Line	0x05
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Downstream Port of PCI-E Switch
Port	2
Caps version	2.0
Physical slot	#0
Presence detect	yes

Link width	1x (max 1x)
Link speed	2.5 GT/s (max 5.0 GT/s)
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1B21 (ASMedia)
SubSystem ID	0x3306
Description	PCI to PCI Bridge
Location	bus 3 (0x03), device 3 (0x03), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B4
Revision ID	0x02
PCI header	
Primary bus	0x03
Secondary bus	0x06
Int. Line	0x0B
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Downstream Port of PCI-E Switch
Port	3
Caps version	2.0
Physical slot	#0
Presence detect	no
Link width	1x (max 1x)
Link speed	2.5 GT/s (max 5.0 GT/s)
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1B21 (ASMedia)
SubSystem ID	0x3306
Description	PCI to PCI Bridge
Location	bus 3 (0x03), device 4 (0x04), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B4

Revision ID	0x02
PCI header	
Primary bus	0x03
Secondary bus	0x07
Int. Line	0x0B
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Downstream Port of PCI-E Switch
Port	4
Caps version	2.0
Physical slot	#0
Presence detect	no
Link width	0x (max 2x)
Link speed	2.5 GT/s (max 5.0 GT/s)
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1B21 (ASMedia)
SubSystem ID	0x3306
Description	PCI to PCI Bridge
Location	bus 3 (0x03), device 6 (0x06), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B4
Revision ID	0x02
PCI header	
Primary bus	0x03
Secondary bus	0x08
Int. Line	0x05
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2

PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Downstream Port of PCI-E Switch
Port	6
Caps version	2.0
Physical slot	#0
Presence detect	no
Link width	1x (max 1x)
Link speed	2.5 GT/s (max 5.0 GT/s)
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0
SubVendor ID	0x1B21 (ASMedia)
SubSystem ID	0x3306
Description	PCI to PCI Bridge
Location	bus 3 (0x03), device 7 (0x07), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x43B4
Revision ID	0x02
PCI header	
Primary bus	0x03
Secondary bus	0x09
Int. Line	0x0B
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Downstream Port of PCI-E Switch
Port	7
Caps version	2.0
Physical slot	#0
Presence detect	yes
Link width	1x (max 1x)
Link speed	2.5 GT/s (max 5.0 GT/s)
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xC0

SubVendor ID	0x1B21 (ASMedia)
SubSystem ID	0x3306
Description	USB Controller (xHCI)
Location	bus 4 (0x04), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1B21 (ASMedia)
Model ID	0x1343
Revision ID	0x00
PCI header	
Address 0 (memory)	0x00000000FC800004
Subvendor ID	0x1458 (GIGABYTE)
Subsystem ID	0x5007
Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	Power Management
Caps offset	0x78
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	PCI-E Endpoint Device
Port	1
Caps version	2.0
Link width	2x (max 2x)
Link speed	5.0 GT/s (max 5.0 GT/s)
Description	Ethernet Controller
Location	bus 5 (0x05), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1969 (Qualcomm Atheros)
Model ID	0xE0B1
Revision ID	0x10
PCI header	
Address 0 (memory)	0x00000000FC700004
Address 2 (port)	0x0000F000
Subvendor ID	0x1458 (GIGABYTE)
Subsystem ID	0xE000
Int. Line	0x22
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x40

Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	PCI-E Endpoint Device
Port	0
Caps version	1.0
Link width	1x (max 1x)
Link speed	2.5 GT/s (max 2.5 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xC0
PCI capability	
Caps class	MSI-X
Caps offset	0xD8
Description	High Definition Audio (HDA)
Location	bus 9 (0x09), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1102
Model ID	0x0012
Revision ID	0x01
PCI header	
Address 0 (memory)	0x00000000FC6FC004
Address 2 (memory)	0x00000000FC6F8004
Subvendor ID	0x1102
Subsystem ID	0x0191
Int. Line	0x23
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.2
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	PCI Express
Caps offset	0x70
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	1x (max 1x)
Link speed	2.5 GT/s (max 2.5 GT/s)
Description	VGA Controller
Location	bus 10 (0x0A), device 0 (0x00), function 0 (0x00)

Common header

Vendor ID	0x1002 (AMD)
Model ID	0x67DF
Revision ID	0xC7

PCI header

Address 0 (memory)	0x00000000D000000C
Address 2 (memory)	0x00000000E000000C
Address 4 (port)	0x0000E000
Address 5 (memory)	0xFCE00000
Subvendor ID	0x148C (PowerColor)
Subsystem ID	0x2372
Int. Line	0x00
Int. Pin	0x01

PCI capability

Caps class	Vendor Dependant
Caps offset	0x48

PCI capability

Caps class	Power Management
Caps offset	0x50
Caps version	1.2

PCI capability

Caps class	PCI Express
Caps offset	0x58
Device type	Legacy PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)

PCI capability

Caps class	Message Signalled Interrupts
Caps offset	0xA0

Description

High Definition Audio (HDA)

Location

bus 10 (0x0A), device 0 (0x00), function 1 (0x01)

Common header

Vendor ID	0x1002 (AMD)
Model ID	0xAAF0
Revision ID	0x00

PCI header

Address 0 (memory)	0x00000000FCE60004
Subvendor ID	0x148C (PowerColor)
Subsystem ID	0xAAF0
Int. Line	0x37
Int. Pin	0x02

PCI capability

Caps class	Vendor Dependant
Caps offset	0x48

PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	Legacy PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
Description	Non-Essential Instrumentation Device
Location	bus 11 (0x0B), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x145A
Revision ID	0x00
PCI header	
Subvendor ID	0x1022 (AMD)
Subsystem ID	0x145A
Int. Line	0xFF
Int. Pin	0x00
PCI capability	
Caps class	Vendor Dependant
Caps offset	0x48
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x64
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
Description	Encryption Device
Location	bus 11 (0x0B), device 0 (0x00), function 2 (0x02)
Common header	
Vendor ID	0x1022 (AMD)

Model ID	0x1456
Revision ID	0x00
PCI header	
Address 2 (memory)	0xFCB00000
Address 5 (memory)	0xFCC00000
Subvendor ID	0x1022 (AMD)
Subsystem ID	0x1456
Int. Line	0x0B
Int. Pin	0x02
PCI capability	
Caps class	Vendor Dependant
Caps offset	0x48
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x64
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	MSI-X
Caps offset	0xC0
Description	USB Controller (xHCI)
Location	bus 11 (0x0B), device 0 (0x00), function 3 (0x03)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x145C
Revision ID	0x00
PCI header	
Address 0 (memory)	0x00000000FCA00004
Subvendor ID	0x1458 (GIGABYTE)
Subsystem ID	0x5007
Int. Line	0x00
Int. Pin	0x03
PCI capability	
Caps class	Vendor Dependant
Caps offset	0x48
PCI capability	

Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x64
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
Description	Non-Essential Instrumentation Device
Location	bus 12 (0x0C), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1455
Revision ID	0x00
PCI header	
Subvendor ID	0x1022 (AMD)
Subsystem ID	0x1455
Int. Line	0xFF
Int. Pin	0x00
PCI capability	
Caps class	Vendor Dependant
Caps offset	0x48
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x64
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
Description	Serial ATA Controller - AHCI
Location	bus 12 (0x0C), device 0 (0x00), function 2 (0x02)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x7901

Revision ID	0x51
PCI header	
Address 5 (memory)	0xFCD08000
Subvendor ID	0x1458 (GIGABYTE)
Subsystem ID	0xB002
Int. Line	0x2A
Int. Pin	0x02
PCI capability	
Caps class	Vendor Dependant
Caps offset	0x48
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x64
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	Serial ATA Configuration
Caps offset	0xD0
Description	High Definition Audio (HDA)
Location	bus 12 (0x0C), device 0 (0x00), function 3 (0x03)
Common header	
Vendor ID	0x1022 (AMD)
Model ID	0x1457
Revision ID	0x00
PCI header	
Address 0 (memory)	0xFCDF8000
Subvendor ID	0x1458 (GIGABYTE)
Subsystem ID	0xA182
Int. Line	0x2B
Int. Pin	0x03
PCI capability	
Caps class	Vendor Dependant
Caps offset	0x48
PCI capability	
Caps class	Power Management
Caps offset	0x50

Caps version	1.2
PCI capability	
Caps class	PCI Express
Caps offset	0x64
Device type	PCI-E Endpoint Device
Port	0
Caps version	2.0
Link width	16x (max 16x)
Link speed	8.0 GT/s (max 8.0 GT/s)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0

DMI

SMBIOS Version3.3

DMI BIOS

vendor	American Megatrends International LLC.
version	F51g
date	07/27/2022
ROM size	16384 KB

DMI System Information

manufacturer	Gigabyte Technology Co. Ltd.
product	AX370-Gaming K3
version	Default string
serial	Default string
UUID	{031B021C-040D-0569-FA06-090700080009}
SKU	Default string
family	Default string

DMI Baseboard

vendor	Gigabyte Technology Co. Ltd.
model	AX370-Gaming K3
revision	Default string
serial	Default string

DMI System Enclosure

manufacturer	Default string
chassis type	Desktop
chassis serial	Default string

DMI OEM Strings

string[0]	Default string
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DMI Physical Memory Array

location	Motherboard
usage	System Memory
correction	None
max capacity	128 GB
max# of devices	4
DMI Processor	
manufacturer	Advanced Micro Devices Inc.
model	AMD Ryzen 7 1700X Eight-Core Processor
clock speed	3400.0 MHz
FSB speed	100.0 MHz
multiplier	34.0x
max clock speed	3900.0 MHz
DMI data	
000	0x04 0x30 0x10 0x00 0x01 0x03 0x6B 0x02 0x11 0x0F
010	0x80 0x00 0xFF 0xFB 0x8B 0x17 0x03 0x8E 0x64 0x00
020	0x3C 0x0F 0x48 0x0D 0x41 0x31 0x0D 0x00 0x0E 0x00
030	0x0F 0x00 0x04 0x05 0x06 0x08
DMI Memory Device	
designation	DIMM 0
format	unknown
type	unknown
manufacturer	Unknown
part number	Unknown
serial number	Unknown
manufacturer id	0x0
product id	0x0
DMI data	
000	0x11 0x5C 0x12 0x00 0x0B 0x00 0x11 0x00 0xFF 0xFF
010	0xFF 0xFF 0x00 0x00 0x02 0x00 0x01 0x02 0x02 0x04
020	0x00 0x00 0x00 0x03 0x04 0x00 0x05 0x00 0x00 0x00
030	0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
040	0x02 0x04 0x00 0x06 0x00 0x00 0x00 0x00 0x00 0x00
050	0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
060	0x00 0x00 0x00 0x00
DMI Memory Device	
designation	DIMM 1
format	DIMM
type	DDR4
total width	64 bits
data width	64 bits
size	16 GB
speed	2133 MHz
manufacturer	G.Skill
part number	F4-3200C16-16GTZKY

serial number	00000000
voltage	1.200000
manufacturer id	0xCD04
product id	0x0
DMI data	
000	0x11 0x5C 0x14 0x00 0x0B 0x00 0x13 0x00 0x40 0x00
010	0x40 0x00 0x00 0x40 0x09 0x00 0x01 0x02 0x1A 0x80
020	0x40 0x55 0x08 0x03 0x04 0x00 0x05 0x02 0x00 0x00
030	0x00 0x00 0x55 0x08 0xB0 0x04 0xB0 0x04 0xB0 0x04
040	0x03 0x08 0x00 0x06 0x04 0xCD 0x00 0x00 0x00 0x00
050	0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
060	0x00 0x00 0x00 0x00
DMI Memory Device	
designation	DIMM 0
format	unknown
type	unknown
manufacturer	Unknown
part number	Unknown
serial number	Unknown
manufacturer id	0x0
product id	0x0
DMI data	
000	0x11 0x5C 0x17 0x00 0x0B 0x00 0x16 0x00 0xFF 0xFF
010	0xFF 0xFF 0x00 0x00 0x02 0x00 0x01 0x02 0x02 0x04
020	0x00 0x00 0x00 0x03 0x04 0x00 0x05 0x00 0x00 0x00
030	0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
040	0x02 0x04 0x00 0x06 0x00 0x00 0x00 0x00 0x00 0x00
050	0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
060	0x00 0x00 0x00 0x00
DMI Memory Device	
designation	DIMM 1
format	DIMM
type	DDR4
total width	64 bits
data width	64 bits
size	16 GB
speed	2133 MHz
manufacturer	G.Skill
part number	F4-3200C16-16GTZKY
serial number	00000000
voltage	1.200000
manufacturer id	0xCD04
product id	0x0
DMI data	
000	0x11 0x5C 0x19 0x00 0x0B 0x00 0x18 0x00 0x40 0x00

010	0x40 0x00 0x00 0x40 0x09 0x00 0x01 0x02 0x1A 0x80
020	0x40 0x55 0x08 0x03 0x04 0x00 0x05 0x02 0x00 0x00
030	0x00 0x00 0x55 0x08 0xB0 0x04 0xB0 0x04 0xB0 0x04
040	0x03 0x08 0x00 0x06 0x04 0xCD 0x00 0x00 0x00 0x00
050	0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
060	0x00 0x00 0x00 0x00

DMI Port Connector

designation	J1500 (internal)
designation	USB 3.0 (external)
port type	USB
connector	Access Bus (USB)

DMI Port Connector

designation	J1501 (internal)
designation	USB 3.0 (external)
port type	USB
connector	Access Bus (USB)

DMI Port Connector

designation	J1502 (internal)
designation	USB-C (external)
port type	USB
connector	Access Bus (USB)

DMI Port Connector

designation	J1503 (internal)
designation	USB 3.0 (external)
port type	USB
connector	Access Bus (USB)

DMI Port Connector

designation	J1504 (internal)
designation	USB 3.1 (external)
port type	USB
connector	Access Bus (USB)

DMI Port Connector

designation	J1503 (internal)
designation	Network (external)
port type	Network Port
connector	RJ-45

DMI Port Connector

designation	J1704 (internal)
designation	Sata Express (external)

DMI Port Connector	
designation	J1705 (internal)
designation	Sata Express (external)
DMI Port Connector	
designation	J1701 (internal)
designation	iSATA (external)
DMI Port Connector	
designation	J1702 (internal)
designation	iSATA (external)
DMI Port Connector	
designation	J1703 (internal)
designation	iSATA (external)
DMI Port Connector	
designation	J1706 (internal)
designation	iSATA (external)
DMI Port Connector	
designation	J1100 (internal)
designation	HDMI (external)
port type	Video Port
DMI Port Connector	
designation	J1101 (internal)
designation	HDMI (external)
port type	Video Port
DMI Port Connector	
designation	J1102 (internal)
designation	DP (external)
port type	Video Port
DMI Port Connector	
designation	J2100 (internal)
designation	Front Audio (external)
port type	Audio Port
connector	Mini Jack (headphones)
DMI Port Connector	
designation	J2101 (internal)
designation	Audio Jack (external)
port type	Audio Port
connector	Mini Jack (headphones)

DMI Port Connector

designation	J1700 (internal)
designation	Sata Express (external)

DMI Extension Slot

designation	J10
type	PCI Express
populated	yes

DMI Extension Slot

designation	J3600 Pcie x8 slot
type	PCI Express
populated	no

Graphics

Number of adapters	1
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Graphic APIs

API	D3D
API	ATI I/O
API	ADL SDK

Display Adapters

Display adapter 0 (primary)

ID	0x2140001
Name	Radeon (TM) RX 480 Graphics
Board Manufacturer	PowerColor
Codename	Polaris 10 XT
Power Limit	150.0 W (default)
Cores	2304
ROP Units	32
Technology	14 nm
Memory type	GDDR5 (Samsung)
Memory size	8 GB
Current Link Width	x16
Current Link Speed	2.5 GT/s
PCI device	bus 10 (0xA), device 0 (0x0), function 0 (0x0)
Vendor ID	0x1002 (0x148C)
Model ID	0x67DF (0x2372)
Revision ID	0xC7
Root device	bus 0 (0x0), device 3 (0x3), function 1 (0x1)
Performance Level	Current
Core clock	330.8 MHz
Memory clock	300.0 MHz
Driver version	31.0.21905.1001
WDDM Model	2.7

Win32_VideoController	AdapterRAM = 0xFFF00000 (4293918720)
Win32_VideoController	DriverVersion = 31.0.21905.1001
Win32_VideoController	DriverDate = 10/17/2023
Monitor 0	
Model	DELL U3417W (Dell Computer)
ID	DELA0DD
Serial	660X868G0A6L
Manufacturing Date	Week 34, Year 2016
Size	34.1 inches
Max Resolution	3440 x 1440 @ 59 Hz
Horizontal Freq. Range	30-89 kHz
Vertical Freq. Range	48-85 Hz
Max Pixel Clock	320 MHz
Gamma Factor	2.2
Software	
Windows Version	Microsoft Windows 10 (10.0) Professional 64-bit (Build 19045)
DirectX Version	12.0