

CPU-Z TXT Report

Binaries

CPU-Z version 1.77.0.x64

Processors

Number of processors 1
Number of threads 4

APICs

Processor 0

-- Core 0
 -- Thread 0 0
-- Core 1
 -- Thread 0 1
-- Core 2
 -- Thread 0 2
-- Core 3
 -- Thread 0 3

Timers

ACPI timer 3.580 MHz
HPET timer 14.318 MHz
Perf timer 3.412 MHz
Sys timer 1.000 KHz

Processors Information

Processor 1 ID = 0
 Number of cores 4 (max 4)
 Number of threads 4 (max 4)
 Name AMD A8-6500

Codename	Richland
Specification	AMD A8-6500 APU with Radeon(tm) HD Graphics
Package	Socket FM2 (904)
CPUID	F.3.1
Extended CPUID	15.13
Core Stepping	RL-A1
Technology	32 nm
TDP Limit	65.3 Watts
Core Speed	3892.1 MHz
Multiplier x Bus Speed	39.0 x 99.8 MHz
Stock frequency	3500 MHz
Instructions sets	MMX (+), SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, SSE4A, x86-64, AMD-V, AES, AVX, XOP, FMA3, FMA4
L1 Data cache	4 x 16 KBytes, 4-way set associative, 64-byte line size
L1 Instruction cache	2 x 64 KBytes, 2-way set associative, 64-byte line size
L2 cache	2 x 2048 KBytes, 16-way set associative, 64-byte line size
FID/VID Control	yes
Min FID	8.5x
# of P-States	8
P-State	FID 0x19 - VID 0x12 - IDD 17 (20.50x - 1.438 V)
P-State	FID 0x17 - VID 0x16 - IDD 19 (19.50x - 1.412 V)
P-State	FID 0x15 - VID 0x28 - IDD 16 (18.50x - 1.300 V)
P-State	FID 0x13 - VID 0x32 - IDD 12 (17.50x - 1.237 V)
P-State	FID 0x10 - VID 0x3C - IDD 10 (16.00x - 1.175 V)
P-State	FID 0xB - VID 0x46 - IDD 8 (13.50x - 1.112 V)
P-State	FID 0x6 - VID 0x58 - IDD 6 (11.00x - 1.000 V)
P-State	FID 0x1 - VID 0x6C - IDD 4 (8.50x - 0.875 V)
PStateReg	0x800001A6-0x00002419
PStateReg	0x800001BF-0x00002C17
PStateReg	0x8000019D-0x00005015
PStateReg	0x80000176-0x00006413
PStateReg	0x80000164-0x00007810
PStateReg	0x8000014F-0x00008C0B
PStateReg	0x80000137-0x0000B006
PStateReg	0x80000123-0x0040D801
Package Type	0x2
Model	00
String 1	0x0
String 2	0x0
Page	0x0
Base TDP	0 Watts

Boosted P-States 3
 Max non-turbo ratio 35.00x
 Max turbo ratio 41.00x
 TSC 3493.6 MHz
 APERF 3910.8 MHz
 MPERF 3493.4 MHz
 Attached device PCI device at bus 0, device 24, function 0

100	00000000 00000000 00000000 00000000
110	0000000C 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 00000800 0074003A
170	00000001 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000000 00000000 00000000 00000000
1A0	80000003 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 0000000E
1E0	00000000 00000000 00000000 00000000
1F0	00000000 00000000 00000000 00000000

Attached device PCI device at bus 0, device 24, function 1

100	00000000 00000000 00000000 00000001
110	00000000 00000000 00000000 00000000
120	00000000 00000027 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 2

100	00000000 00000000 00000000 00000000
110	00000103 00000000 0C4CA424 0CE00F31
120	000CD2DE 00000000 00000000 00000000
130	FFFEAFFE FF78CFF6 4FEDFF5D 0FF9CFEF
140	00000000 00000000 00000001 00000000
150	00000000 00000000 00000000 00000000
160	00000000 00F8FFE0 00000000 00000000
170	00000000 00000000 00020000 18480098
180	000000A0 00800005 00000000 00020000
190	03010000 9F498892 8D0F812F 000000A1
1A0	001F0380 00000000 80320000 00000000
1B0	0FC39001 4C0F7D26 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 00000000 00000000 00000000
110	00000000 00000000 00000000 00000000
120	00000000 00000000 00000000 00000000
130	00000000 00000000 00000000 00000000
140	00A11555 00000077 0000052A 00000000
150	00000000 00000000 00000000 00000000
160	C00A0FFF 00000000 C00A0FFF 00000000
170	00000000 00000000 00000000 00000004
180	017003E0 00000000 08000010 00000000
190	00000000 00000000 04000000 00000000
1A0	00034182 00000000 00000000 00000000
1B0	00000000 00000000 00000000 00000000
1C0	00000000 00000000 00000000 00000100
1D0	00000000 00000000 00000000 00000000
1E0	00000000 80001385 00000000 00000000
1F0	00080000 00000000 00000000 090E074F

Attached device PCI device at bus 0, device 24, function 4

100	00000000 00000000 00000000 00FE0045
110	000C2002 00000000 1907190B 00000000
120	00000000 00000000 801C0280 00000000
130	00000001 00000000 00000000 00000001
140	156E1A63 0002924E 1F96AC78 0003E3D7
150	38380838 22222222 000000FE 8000008D
160	00610F01 00000000 00000000 00000276

170	00000000 00000000 00000000 00000000
180	00000000 00000000 00000000 00000000
190	00000000 00000000 00000000 00000000
1A0	00000000 00000000 00000000 00000000
1B0	00000000 00000000 000000CD 00000000
1C0	00000000 00000000 00000000 00000000
1D0	00000000 00000000 00000000 00000000
1E0	0B4C2419 0B7E2C17 0B3A5015 0AEC6413
1F0	0AC87810 0A9E8C0B 0A6EB006 0A47D801

Attached device	PCI device at bus 0, device 24, function 5
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100	00000000 00000000 00000000 00000000
110	00000000 00000000 00000000 00000000
120	00000011 00000000 0060DF38 4000002E
130	00000000 00000000 00000000 00000000
140	00000000 00000000 00000000 00000000
150	00000000 00000000 011C0042 0138001F
160	2900F019 2900F817 22010015 97456099
170	0000040B 00030062 00060C04 AC02E012
180	00000000 00000000 0000006D 00000000
190	00000000 0000000B 00202020 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

Temperature 0	77 degC (170 degF) (Package)
Voltage 0	1.38 Volts (Cores)
Voltage 1	1.20 Volts (Uncore)
Clock Speed 0	3892.11 MHz (Core #0)
Clock Speed 1	3892.11 MHz (Core #1)
Clock Speed 2	3892.11 MHz (Core #2)
Clock Speed 3	3892.11 MHz (Core #3)

Thread dumps

CPU Thread 0	
APIC ID	0

Topology	Processor ID 0, Core ID 0, Thread ID 0
Type	0204000Ah
Max CPUID level	0000000Dh
Max CPUID ext. level	8000001Eh
Cache descriptor	Level 1, D, 16 KB, 1 thread(s)
Cache descriptor	Level 1, I, 64 KB, 2 thread(s)
Cache descriptor	Level 2, U, 2 MB, 2 thread(s)

CPUID

0x00000000	0x0000000D	0x68747541	0x444D4163	0x69746E65
0x00000001	0x00610F31	0x00040800	0x3E98320B	0x178BFBFF
0x00000002	0x00000000	0x00000000	0x00000000	0x00000000
0x00000003	0x00000000	0x00000000	0x00000000	0x00000000
0x00000004	0x00000000	0x00000000	0x00000000	0x00000000
0x00000005	0x00000040	0x00000040	0x00000003	0x00000000
0x00000006	0x00000000	0x00000000	0x00000001	0x00000000
0x00000007	0x00000000	0x00000008	0x00000000	0x00000000
0x00000008	0x00000000	0x00000000	0x00000000	0x00000000
0x00000009	0x00000000	0x00000000	0x00000000	0x00000000
0x0000000A	0x00000000	0x00000000	0x00000000	0x00000000
0x0000000B	0x00000000	0x00000000	0x00000000	0x00000000
0x0000000C	0x00000000	0x00000000	0x00000000	0x00000000
0x0000000D	0x00000007	0x00000340	0x000003C0	0x40000000
0x80000000	0x8000001E	0x68747541	0x444D4163	0x69746E65
0x80000001	0x00610F31	0x20000000	0x01EBBFFF	0x2FD3FBFF
0x80000002	0x20444D41	0x362D3841	0x20303035	0x20555041
0x80000003	0x68746977	0x64615220	0x286E6F65	0x20296D74
0x80000004	0x47204448	0x68706172	0x20736369	0x00202020
0x80000005	0xFF40FF18	0xFF40FF30	0x10040140	0x40020140
0x80000006	0x64006400	0x64004200	0x08008140	0x00000000
0x80000007	0x00000000	0x00000000	0x00000000	0x000007D9
0x80000008	0x00003030	0x00000000	0x00004003	0x00000000
0x80000009	0x00000000	0x00000000	0x00000000	0x00000000
0x8000000A	0x00000001	0x00010000	0x00000000	0x00001CFF
0x8000000B	0x00000000	0x00000000	0x00000000	0x00000000
0x8000000C	0x00000000	0x00000000	0x00000000	0x00000000
0x8000000D	0x00000000	0x00000000	0x00000000	0x00000000
0x8000000E	0x00000000	0x00000000	0x00000000	0x00000000
0x8000000F	0x00000000	0x00000000	0x00000000	0x00000000
0x80000010	0x00000000	0x00000000	0x00000000	0x00000000
0x80000011	0x00000000	0x00000000	0x00000000	0x00000000
0x80000012	0x00000000	0x00000000	0x00000000	0x00000000
0x80000013	0x00000000	0x00000000	0x00000000	0x00000000

0x80000014	0x00000000	0x00000000	0x00000000	0x00000000
0x80000015	0x00000000	0x00000000	0x00000000	0x00000000
0x80000016	0x00000000	0x00000000	0x00000000	0x00000000
0x80000017	0x00000000	0x00000000	0x00000000	0x00000000
0x80000018	0x00000000	0x00000000	0x00000000	0x00000000
0x80000019	0xF040F018	0x64006400	0x00000000	0x00000000
0x8000001A	0x00000003	0x00000000	0x00000000	0x00000000
0x8000001B	0x000000FF	0x00000000	0x00000000	0x00000000
0x8000001C	0x00000000	0x80032013	0x00010200	0x8000000F
0x8000001D	0x00000121	0x00C0003F	0x0000003F	0x00000000
0x8000001D	0x00004122	0x0040003F	0x000001FF	0x00000000
0x8000001D	0x00004143	0x03C0003F	0x000007FF	0x00000001
0x8000001E	0x00000010	0x00000100	0x00000000	0x00000000

MSR 0x0000001B	0x00000000	0xFEE00900
MSR 0xC0010114	0x00000000	0x00000008
MSR 0xC0010061	0x00000000	0x00000040
MSR 0xC0010062	0x00000000	0x00000000
MSR 0xC0010063	0x00000000	0x00000000
MSR 0xC0010064	0x800001A6	0x00002419
MSR 0xC0010065	0x800001BF	0x00002C17
MSR 0xC0010066	0x8000019D	0x00005015
MSR 0xC0010067	0x80000176	0x00006413
MSR 0xC0010068	0x80000164	0x00007810
MSR 0xC0010058	0x00000000	0xE0000021
MSR 0xC0010015	0x00000000	0x09001011
MSR 0xC001001F	0x00404000	0x00810000
MSR 0xC0010071	0x81520006	0x30012C17
MSR 0xC0010070	0x00000000	0x2C012C17

Chipset

Northbridge	AMD K15 IMC rev. 00
Southbridge	AMD A78 FCH rev. 2.6
Graphic Interface	PCI-Express
PCI-E Link Width	x0
PCI-E Max Link Width	x0
Memory Type	DDR3
Memory Size	8 GBytes
Channels	Single
Memory Frequency	798.4 MHz (1:8)

CAS# latency (CL)	11.0
RAS# to CAS# delay (tRCD)	11
RAS# Precharge (tRP)	12
Cycle Time (tRAS)	28
Bank Cycle Time (tRC)	39
Uncore Frequency	1596.8 MHz

Memory SPD

DIMM #	1
SMBus address	0x52
Memory type	DDR3
Module format	UDIMM
Manufacturer (ID)	Samsung (CE000000000000000000)
Size	4096 MBytes
Max bandwidth	PC3-12800 (800 MHz)
Part number	M378B5173DB0-CK0
Serial number	15B674B4
Manufacturing date	Week 19/Year 16
Number of banks	8
Nominal Voltage	1.50 Volts
EPP	no
XMP	no
AMP	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	6.0-6-6-16-22 @ 457 MHz
JEDEC #2	7.0-7-7-19-26 @ 533 MHz
JEDEC #3	8.0-8-8-22-30 @ 609 MHz
JEDEC #4	9.0-9-9-24-33 @ 685 MHz
JEDEC #5	10.0-10-10-27-37 @ 761 MHz
JEDEC #6	11.0-11-11-28-39 @ 800 MHz

DIMM #	2
SMBus address	0x53
Memory type	DDR3
Module format	UDIMM
Manufacturer (ID)	Samsung (CE000000000000000000)
Size	4096 MBytes
Max bandwidth	PC3-12800 (800 MHz)
Part number	M378B5173DB0-CK0
Serial number	F161171A

Manufacturing date	Week 35/Year 14
Number of banks	8
Nominal Voltage	1.50 Volts
EPP	no
XMP	no
AMP	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	6.0-6-6-16-22 @ 457 MHz
JEDEC #2	7.0-7-7-19-26 @ 533 MHz
JEDEC #3	8.0-8-8-22-30 @ 609 MHz
JEDEC #4	9.0-9-9-24-33 @ 685 MHz
JEDEC #5	10.0-10-10-27-37 @ 761 MHz
JEDEC #6	11.0-11-11-28-39 @ 800 MHz

DIMM # 1

SPD registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	92 13 0B 02 04 21 00 01 03 11 01 08 0A 00 FC 00
10	69 78 69 30 69 11 18 81 20 08 3C 3C 00 F0 83 01
20	00 00 00 00 00 00 00 00 00 00 88 00 00 00 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 0F 01 20 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 80 CE 03 16 19 15 B6 74 B4 A5 BE
80	4D 33 37 38 42 35 31 37 33 44 42 30 2D 43 4B 30
90	20 20 00 00 80 CE 00 00 00 4B 30 4F 33 30 30 30
A0	01 00 01 00 00 00 00 00 00 00 00 00 00 00 E9 02
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

DIMM # 2

SPD registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	92 13 0B 02 04 21 00 01 03 11 01 08 0A 00 FC 00
10	69 78 69 30 69 11 18 81 20 08 3C 3C 00 F0 83 01
20	00 00 00 00 00 00 00 00 00 00 88 00 00 00 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 0F 01 20 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 80 CE 01 14 35 F1 61 17 1A A5 BE
80	4D 33 37 38 42 35 31 37 33 44 42 30 2D 43 4B 30
90	20 20 00 00 80 CE 00 00 00 57 30 37 47 30 30 30
A0	01 00 01 00 00 00 00 00 00 00 00 00 00 00 00 01
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 30 37 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Monitoring

Mainboard Model	Aspire TC-120 (0x000003DB - 0xC09DF870)
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LPCIO

LPCIO Vendor	ITE
LPCIO Model	IT8772
LPCIO Vendor ID	0x90
LPCIO Chip ID	0x8772
LPCIO Revision ID	0x1
Config Mode I/O address	0x2E
Config Mode LDN	0x4
Config Mode registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	87 72 01 00 00 05 0C 00 23 01 00 48 02 00 00 00
30	01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	0A 30 0A 20 00 00 00 00 00 00 00 00 00 00 00 00
70	00 02 00 00 04 04 00 00 00 00 00 00 00 00 00 00
Register space	LPC, base address = 0x0A30

Hardware Monitors

Hardware monitor	ITE IT8772
Voltage 0	1.39 Volts [0x74] (CPU VCORE)
Voltage 1	1.51 Volts [0x7E] (VIN1)
Voltage 2	2.04 Volts [0xAA] (+3.3V)
Voltage 3	3.43 Volts [0xAA] (+5V)
Voltage 4	8.16 Volts [0xAA] (+12V)
Voltage 5	-8.16 Volts [0xAA] (-12V)
Voltage 6	-8.98 Volts [0xBB] (-5V)
Voltage 7	2.80 Volts [0x8B] (+5V VCCH)
Voltage 8	1.67 Volts [0x8B] (VBAT)
Temperature 0	41 degC (105 degF) [0x29] (TMPIN0)
Temperature 1	45 degC (113 degF) [0x2D] (TMPIN1)
Temperature 2	27 degC (80 degF) [0x1B] (TMPIN2)
Fan 1	1174 RPM [0x23F] (FANIN1)
Fan PWM 0	0 pc [0x0] (FANPWM0)
Fan PWM 1	0 pc [0x0] (FANPWM1)
Fan PWM 2	0 pc [0x0] (FANPWM2)
Register space	LPC, base address = 0x0A30

```

00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00  19 14 B5 03 00 00 00 00 00 80 48 CF 00 00 3F FF
10  04 BC D6 66 C0 00 82 00 00 02 FF 4F 5E D2 D2 D2
20  74 7E AA A9 AA AA BB 8B 8B 29 2D 1C BA FF CF CF
30  8F 53 BC 53 9D E2 BC 18 AF AA 04 E8 D3 48 4B C4
40  E8 F1 E3 2F 75 77 5F 40 AD 6A D4 00 FF FF FF FF
50  FF F8 7F 7F 7F 40 00 00 90 00 00 12 60 00 00 00
60  7F 7F 7F 80 00 00 0F FF 00 28 41 33 B0 03 0F FF
70  7F 7F 7F 80 00 00 0F FF FF FF FF FF FF FF FF FF
80  00 00 00 00 00 00 00 00 00 00 00 00 00 7F 00 04
90  41 7F 42 00 FF 00 00 00 42 99 00 00 01 B5 F2 1C
A0  6B 35 35 35 35 35 35 FF FF FF FF FF FF FF FF FF
B0  FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
C0  FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
D0  FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
E0  FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
F0  FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

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Hardware monitor	AMD ADL
Voltage 0	1.27 Volts [0x4FA] (VIN0)
Temperature 0	17 degC (62 degF) [0x11] (TMPIN0)
Clock Speed 0	800.00 MHz [0x320] (Graphics)
Clock Speed 1	800.00 MHz [0x320] (Memory)

=====

PCI Express, base address = 0x0E000000

Host Bridge

bus 0 (0x00), device 0 (0x00), function 0 (0x00)

Vendor ID	0x1022
Model ID	0x1410
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x00
Int. Pin	0x00

[illegible]

System Device

Location	bus 0 (0x00), device 0 (0x00), function 2 (0x02)
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Common header

Vendor ID	0x1022
Model ID	0x1419
Revision ID	0x00
PI	0x00
SubClass	0x06
BaseClass	0x08
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0xFF
Int. Pin	0x01

PCI capability

Caps class	Secure Device
Caps offset	0x40

PCI capability

Caps class	Message Signalled Interrupts
Caps offset	0x54

PCI capability

Caps class	HyperTransport
Caps offset	0x64
Interface type	MSI Mapping

PCI registers

[illegible]

F0 57 01 00 00 01 00 00 00 07 00 01 80 01 58 02 00

Description	VGA Controller
Location	bus 0 (0x00), device 1 (0x01), function 0 (0x00)
Common header	
Vendor ID	0x1002
Model ID	0x990E
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x03
Cache Line	0x10
Latency	0x00
Header	0x80
PCI header	
Address 0 (memory)	0xC0000000
Address 1 (port)	0x0000F000
Address 2 (memory)	0xFEB00000
Subvendor ID	0x1025
Subsystem ID	0x0904
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 Complex Integrated Endpoint Device
Port	0
Version	2.0
Link width	0x (max 0x)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
Extended capabilities	
Caps class	Vendor Specific
Caps offset	0x100
Vendor ID	1
Size	16
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F

```

00  02 10 0E 99 07 04 10 00 00 00 00 03 10 00 80 00
10  08 00 00 C0 01 F0 00 00 00 00 B0 FE 00 00 00 00
20  00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30  00 00 00 00 50 00 00 00 00 00 00 00 00 01 00 00
40  00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
50  01 58 03 06 00 00 00 00 10 A0 92 00 A0 8F 00 00
60  10 09 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0  05 00 81 00 0C F0 E0 FE 00 00 00 00 91 49 00 00
B0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
100 0B 00 01 00 01 00 01 01 00 00 00 00 00 00 00 00
110 02 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
120 01 00 00 00 FF 00 00 80 00 00 00 00 01 00 00 00
130 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

```

Description	Multimedia device
Location	bus 0 (0x00), device 1 (0x01), function 1 (0x01)
Common header	
Vendor ID	0x1002
Model ID	0x9902
Revision ID	0x00
PI	0x00
SubClass	0x03
BaseClass	0x04
Cache Line	0x10
Latency	0x00
Header	0x80
PCI header	
Address 0 (memory)	0xFEFFC000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x12
Int. Pin	0x02
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 Complex Integrated Endpoint Device
Port	0
Version	2.0
Link width	0x (max 0x)

PCI capability

Caps class	Message Signalled Interrupts
Caps offset	0xA0

Extended capabilities

Caps class	Vendor Specific
Caps offset	0x100
Vendor ID	1
Size	16

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	02 10 02 99 06 00 10 00 00 00 03 04 10 00 80 00
10	00 C0 FF FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 50 00 00 00 00 00 00 00 12 02 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
50	01 58 03 06 00 00 00 00 10 A0 92 00 A0 8F 00 00
60	10 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	05 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
100	0B 00 01 00 01 00 01 01 00 00 00 00 00 00 00 00
110	02 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
120	01 00 00 00 FF 00 00 80 00 00 00 00 01 00 00 00
130	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 7 (0x07), function 0 (0x00)
Common header	
Vendor ID	0x1022
Model ID	0x1417

Revision ID	0x00
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	
Primary bus	0x00
Secondary bus	0x01
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	4
Version	2.0
Physical slot	#0
Presence detect	yes
Link width	1x (max 1x)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xA0
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xB0
SubVendor ID	0x1025
SubSystem ID	0x0904
PCI capability	
Caps class	HyperTransport
Caps offset	0xB8
Interface type	MSI Mapping
Extended capabilities	
Caps class	Vendor Specific
Caps offset	0x100
Vendor ID	1
Size	16
PCI registers	

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 17 14 07 04 10 00 00 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 00 01 01 00 E1 E1 00 20
20	A0 FE A0 FE 01 D0 01 D0 00 00 00 00 00 00 00 00
30	00 00 00 00 50 00 00 00 00 00 00 00 00 01 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	01 58 03 C8 00 00 00 00 10 A0 42 01 21 80 00 00
60	00 21 00 00 12 0C 70 04 40 00 11 70 00 00 04 00
70	00 00 40 00 08 00 01 00 00 00 00 00 1F 00 70 00
80	06 80 00 00 06 00 00 00 02 00 01 00 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	05 B0 81 00 0C F0 E0 FE 00 00 00 00 70 49 00 00
B0	0D B8 00 00 25 10 04 09 08 00 03 A8 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	50 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
100	0B 00 01 00 01 00 01 01 00 00 00 00 00 00 00 00
110	02 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
120	01 00 00 00 FF 00 00 80 00 00 00 00 01 00 00 00
130	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	USB Controller
Location	bus 0 (0x00), device 16 (0x10), function 0 (0x00)
Common header	
Vendor ID	0x1022
Model ID	0x7814
Revision ID	0x09
PI	0x30
SubClass	0x03
BaseClass	0x0C
Cache Line	0x10
Latency	0x00
Header	0x80
PCI header	
Address 0 (memory)	0xFEB4A000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x50

Caps version	1.2
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x70
PCI capability	
Caps class	MSI-X
Caps offset	0x90
PCI capability	
Caps class	PCI Express
Caps offset	0xA0
Device type	Root Complex Integrated Endpoint Device
Port	0
Version	2.0
Link width	0x (max 0x)
Extended capabilities	
Caps class	0x18
Caps offset	0x100

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 14 78 06 04 10 00 09 30 03 0C 10 00 80 00
10	04 A0 B4 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 50 00 00 00 00 00 00 00 00 00 01 00
40	00 00 00 00 00 00 00 00 04 00 00 00 11 01 FF 00
50	01 70 03 C8 08 00 00 00 00 00 00 00 00 00 00 00
60	30 20 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	05 90 86 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	11 A0 07 80 00 10 00 00 80 10 00 00 00 00 00 00
A0	10 00 92 00 C0 8F 00 00 00 20 10 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 10 08 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	FC 1F 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	08 17 80 00 00 00 00 00 00 00 00 00 00 00 00 00
100	18 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00
110	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
120	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
130	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	USB Controller
Location	bus 0 (0x00), device 16 (0x10), function 1 (0x01)
Common header	

Vendor ID	0x1022
Model ID	0x7814
Revision ID	0x09
PI	0x30
SubClass	0x03
BaseClass	0x0C
Cache Line	0x10
Latency	0x00
Header	0x00

PCI header

Address 0 (memory)	0xFEB48000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x00
Int. Pin	0x02

PCI capability

Caps class	Power Management
Caps offset	0x50
Caps version	1.2

PCI capability

Caps class	Message Signalled Interrupts
Caps offset	0x70

PCI capability

Caps class	MSI-X
Caps offset	0x90

PCI capability

Caps class	PCI Express
Caps offset	0xA0
Device type	Root Complex Integrated Endpoint Device
Port	0
Version	2.0
Link width	0x (max 0x)

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 14 78 06 04 10 00 09 30 03 0C 10 00 00 00
10	04 80 B4 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 50 00 00 00 00 00 00 00 00 02 00 00
40	00 00 00 00 00 00 00 00 04 00 00 00 11 01 FF 00
50	01 70 03 C8 08 00 00 00 00 00 00 00 00 00 00 00
60	30 20 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	05 90 86 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

90	11 A0 07 80 00 10 00 00 80 10 00 00 00 00 00 00
A0	10 00 92 00 C0 8F 00 00 00 20 10 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 10 08 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	FC 1F 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	08 17 80 00 00 00 00 00 00 00 00 00 00 00 00 00
100	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
110	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
120	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
130	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	Serial ATA Controller
Location	bus 0 (0x00), device 17 (0x11), function 0 (0x00)

Common header

Vendor ID	0x1022
Model ID	0x7801
Revision ID	0x40
PI	0x01
SubClass	0x06
BaseClass	0x01
Cache Line	0x00
Latency	0x20
Header	0x00

PCI header

Address 0 (port)	0x0000F140
Address 1 (port)	0x0000F130
Address 2 (port)	0x0000F120
Address 3 (port)	0x0000F110
Address 4 (port)	0x0000F100
Address 5 (memory)	0xFEB51000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x13
Int. Pin	0x01

PCI capability

Caps class	Message Signalled Interrupts
Caps offset	0x50

PCI capability

Caps class	0x12
Caps offset	0x70

PCI registers

00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F

00	22 10 01 78 07 00 30 02 40 01 06 01 00 20 00 00
10	41 F1 00 00 31 F1 00 00 21 F1 00 00 11 F1 00 00
20	01 F1 00 00 00 10 B5 FE 00 00 00 00 25 10 04 09
30	00 00 00 00 50 00 00 00 00 00 00 00 13 01 00 00
40	10 00 C0 00 01 00 20 00 40 08 00 C0 00 00 34 FC
50	05 70 86 00 00 00 00 00 00 00 00 00 00 00 00 00
60	01 50 22 00 00 00 00 00 00 00 00 00 00 00 00 00
70	12 00 10 00 0F 00 00 00 00 00 00 00 00 00 00 00
80	10 00 00 00 06 00 14 00 AB 01 08 00 F0 00 00 00 00
90	27 60 74 C7 1F 00 7F 00 01 41 17 00 28 01 00 00
A0	3D 58 29 03 0C 00 00 00 0D 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 20 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 10 00 00 FF 00 00 00 00
D0	13 00 06 03 00 01 64 00 00 00 00 00 00 00 00 00
E0	80 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	USB Controller (OHCI)
Location	bus 0 (0x00), device 18 (0x12), function 0 (0x00)

Common header

Vendor ID	0x1022
Model ID	0x7807
Revision ID	0x11
PI	0x10
SubClass	0x03
BaseClass	0x0C
Cache Line	0x10
Latency	0x20
Header	0x80

PCI header

Address 0 (memory)	0xFEB50000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x12
Int. Pin	0x01

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 07 78 06 00 A0 02 11 10 03 0C 10 20 80 00
10	00 00 B5 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 00 00 00 00 00 00 00 00 12 01 00 00
40	80 01 00 F0 11 00 00 00 00 00 00 00 00 00 00 00
50	40 13 D8 F0 00 00 00 00 FF FF FF FF 00 00 00 00

60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
80	BB D5 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 10 01 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	USB 2.0 Controller (EHCI)
Location	bus 0 (0x00), device 18 (0x12), function 2 (0x02)

Common header

Vendor ID	0x1022
Model ID	0x7808
Revision ID	0x11
PI	0x20
SubClass	0x03
BaseClass	0x0C
Cache Line	0x10
Latency	0x20
Header	0x00

PCI header

Address 0 (memory)	0xFEB4F000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x11
Int. Pin	0x02

PCI capability

Caps class	Power Management
Caps offset	0xC0
Caps version	1.1

PCI capability

Caps class	Debug Port
Caps offset	0xE4

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 08 78 06 00 B0 02 11 20 03 0C 10 20 00 00
10	00 F0 B4 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 C0 00 00 00 00 00 00 00 11 02 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

50	41 11 2A A6 FB BA 7F 7B 00 00 00 00 00 00 00 00
60	20 20 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 20 00 00 01 00 00 00 00 00 00 00 00
A0	01 00 00 00 00 20 00 C0 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	01 E4 02 FE 00 00 40 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 0A 00 E0 20 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	USB Controller (OHCI)
Location	bus 0 (0x00), device 19 (0x13), function 0 (0x00)

Common header

Vendor ID	0x1022
Model ID	0x7807
Revision ID	0x11
PI	0x10
SubClass	0x03
BaseClass	0x0C
Cache Line	0x10
Latency	0x20
Header	0x80

PCI header

Address 0 (memory)	0xFEB4E000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x12
Int. Pin	0x01

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 07 78 06 00 A0 02 11 10 03 0C 10 20 80 00
10	00 E0 B4 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 00 00 00 00 00 00 00 00 12 01 00 00
40	80 01 00 F0 11 00 00 00 00 00 00 00 00 00 00 00
50	40 13 D8 F0 00 00 00 00 FF FF FF FF 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
80	BB D5 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 10 01 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	USB 2.0 Controller (EHCI)
Location	bus 0 (0x00), device 19 (0x13), function 2 (0x02)

Common header	
Vendor ID	0x1022
Model ID	0x7808
Revision ID	0x11
PI	0x20
SubClass	0x03
BaseClass	0x0C
Cache Line	0x10
Latency	0x20
Header	0x00

PCI header	
Address 0 (memory)	0xFEB4D000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x11
Int. Pin	0x02

PCI capability	
Caps class	Power Management
Caps offset	0xC0
Caps version	1.1

PCI capability	
Caps class	Debug Port
Caps offset	0xE4

PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 08 78 06 00 B0 02 11 20 03 0C 10 20 00 00
10	00 D0 B4 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 C0 00 00 00 00 00 00 00 11 02 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	41 11 2A A6 FB BA 7F 7B 00 00 00 00 00 00 00 00
60	20 20 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 20 00 00 01 00 00 00 00 00 00 00 00

A0	01 00 00 00 00 20 00 C0 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	01 E4 02 FE 00 00 40 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 0A 00 E0 20 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	SMBus Controller
Location	bus 0 (0x00), device 20 (0x14), function 0 (0x00)

Common header	
Vendor ID	0x1022
Model ID	0x780B
Revision ID	0x16
PI	0x00
SubClass	0x05
BaseClass	0x0C
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header	
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x00
Int. Pin	0x00

PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 0B 78 03 04 20 02 16 00 05 0C 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description Multimedia device
Location bus 0 (0x00), device 20 (0x14), function 2 (0x02)

Common header

Vendor ID	0x1022
Model ID	0x780D
Revision ID	0x01
PI	0x00
SubClass	0x03
BaseClass	0x04
Cache Line	0x10
Latency	0x20
Header	0x00

PCI header

Address 0 (memory)	0xFEB40000
Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x10
Int. Pin	0x01

PCI capability

Caps class	Power Management
Caps offset	0x50
Caps version	1.1

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 0D 78 06 00 10 04 01 00 03 04 10 20 00 00
10	04 00 B4 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 50 00 00 00 00 00 00 00 10 01 00 00
40	00 00 40 00 01 04 00 00 00 00 00 00 01 00 00 00
50	01 00 42 C8 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description PCI to ISA Bridge
Location bus 0 (0x00), device 20 (0x14), function 3 (0x03)

Common header

Vendor ID	0x1022
Model ID	0x780E
Revision ID	0x11
PI	0x00
SubClass	0x01
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Subvendor ID	0x1025
Subsystem ID	0x0904
Int. Line	0x00
Int. Pin	0x00

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 0E 78 0F 00 20 02 11 00 01 06 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	04 00 00 00 D5 FF 03 FF 07 FF 20 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 00 0A 00 00 00 00 0F 00 00 FF FF FF
70	67 45 23 00 00 00 00 00 9C 00 00 00 00 0A 00 00 00
80	08 00 03 A8 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	02 00 C1 FE 2F 01 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 E9 4D 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 07 00 C3 FF
D0	02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description

PCI to PCI Bridge

Location

bus 0 (0x00), device 20 (0x14), function 4 (0x04)

Common header

Vendor ID	0x1022
Model ID	0x780F
Revision ID	0x40
PI	0x01
SubClass	0x04
BaseClass	0x06

Cache Line	0x00
Latency	0x40
Header	0x81

PCI header

Primary bus	0x00
Secondary bus	0x02
Int. Line	0x00
Int. Pin	0x00

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 0F 78 07 04 A0 02 40 01 04 06 00 40 81 00
10	00 00 00 00 00 00 00 00 00 00 02 02 40 F0 00 80 22
20	F0 FF 00 00 F0 FF 00 00 00 00 00 00 00 00 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	26 00 10 FF 00 00 00 00 0C 0F 3E D1 09 00 00 00
50	01 00 00 00 08 00 03 A8 00 00 00 00 85 00 FF FF
60	CA 0E 17 00 BA 98 10 02 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 01 00 02 06
E0	00 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	USB Controller (OHCI)
Location	bus 0 (0x00), device 20 (0x14), function 5 (0x05)

Common header

Vendor ID	0x1022
Model ID	0x7809
Revision ID	0x11
PI	0x10
SubClass	0x03
BaseClass	0x0C
Cache Line	0x10
Latency	0x20
Header	0x00

PCI header

Address 0 (memory)	0xFEB4C000
Subvendor ID	0x1025
Subsystem ID	0x0904

Int. Line	0x12
Int. Pin	0x03
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 09 78 06 00 A0 02 11 10 03 0C 10 20 00 00
10	00 C0 B4 FE 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 00 00 00 00 00 00 00 00 12 03 00 00
40	80 01 00 F0 11 00 00 00 00 00 00 00 00 00 00 00
50	40 03 D8 F0 00 00 00 00 FF FF FF FF 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
80	BB D5 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 10 01 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Description	
Host Bridge	
Location	bus 0 (0x00), device 24 (0x18), function 0 (0x00)
Common header	
Vendor ID	0x1022
Model ID	0x1400
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 00 14 00 00 10 00 00 00 00 06 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	01 02 04 00 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 03 00 E0 00 00 00 00 80 2E 00 00 0E 00 58
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 20 10 11 77 00 00 00 00 13 00 00 00
90	A8 02 05 80 00 00 01 02 27 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 1 (0x01)

Common header

Vendor ID	0x1022
Model ID	0x1401
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 01 14 00 00 00 00 00 00 00 06 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	03 00 00 00 00 00 3E 01 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	03 00 C0 00 00 BF FE 00 03 C0 FE 00 80 FF FF 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	13 E0 00 00 00 F0 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	03 00 00 02 00 00 00 00 00 00 00 00 00 00 00 00
F0	03 40 00 C0 00 00 00 00 00 00 00 00 00 00 00 00

Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 2 (0x02)

Common header

Vendor ID	0x1022
Model ID	0x1402
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 02 14 00 00 00 00 00 00 00 00 06 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	00 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 E0 FF F8 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 02 00 98 00 48 18 00
80	A0 00 00 00 05 00 80 00 00 00 00 00 00 00 00 02 00
90	00 00 01 03 92 88 49 9F 2F 81 0F 8D A1 00 00 00 00 00
A0	80 03 1F 00 00 00 00 00 00 00 32 80 00 00 00 00 00
B0	B4 69 27 24 C0 00 00 00 FE 75 2D FF 7A AF 2A F7 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	BA 9E EF DF 7D FA EB 7D AB FA F6 7F F7 F5 5B 5F 00
E0	DF 54 DB 79 FF BF 7F BD 7F B7 AC D7 EF 47 FA 4D 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 3 (0x03)

Common header

Vendor ID	0x1022
Model ID	0x1403
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00

PCI capability

Caps class	Secure Device
Caps offset	0xF0

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 03 14 00 00 10 00 00 00 00 06 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
30	00 00 00 00 F0 00 00 00 00 00 00 00 00 00 00 00
40	FF FF FF FF 40 00 B0 48 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 05 00 24 72 00 00 00 70 52 00 01 10
70	57 11 17 10 01 01 18 01 14 0C 20 00 18 0E 05 04
80	00 00 00 00 E2 00 00 00 00 00 81 00 00 40 40 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	EC 48 09 A0 EF 0F 40 1C 00 00 00 F0 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 23 0F 80 C8 50 7F 00 00 36 57 A7 00
E0	00 00 00 00 20 00 00 00 06 4F F0 01 00 00 00 00
F0	0F 00 10 00 00 00 00 00 00 00 00 00 31 0F 61 00

Description	Host Bridge
Location	bus 0 (0x00), device 24 (0x18), function 4 (0x04)

Common header

Vendor ID	0x1022
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Model ID	0x1404
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 04 14 00 00 00 00 00 00 00 00 06 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 FF FF 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Description	
Host Bridge	
Location	
bus 0 (0x00), device 24 (0x18), function 5 (0x05)	
Common header	
Vendor ID	0x1022
Model ID	0x1405
Revision ID	0x00
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00

Header	0x80
PCI header	
Subvendor ID	0x0000
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	22 10 05 14 00 00 00 00 00 00 00 06 00 00 80 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	03 00 03 00 03 30 16 16 04 10 02 01 00 00 00 00
90	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	00 00 00 00 00 00 00 00 00 00 00 00 00 08 00 00
B0	00 00 00 00 00 00 00 00 12 06 00 00 12 06 00 00
C0	00 00 00 00 95 34 00 44 14 2A 00 44 00 00 00 00
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	12 DA FF 03 00 00 00 00 46 01 45 00 71 00 02 00
F0	00 00 00 00 11 00 80 14 00 00 00 00 00 00 00 00

Description	Ethernet Controller
Location	bus 1 (0x01), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x10EC
Model ID	0x8168
Revision ID	0x0C
PI	0x00
SubClass	0x00
BaseClass	0x02
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (port)	0x0000E000
Address 2 (memory)	0xFE000000
Address 4 (memory)	0xD0000000
Subvendor ID	0x1025
Subsystem ID	0x0904

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
Version	2.0
Link width	1x (max 1x)
PCI capability	
Caps class	MSI-X
Caps offset	0xB0
PCI capability	
Caps class	Virtual Product Data
Caps offset	0xD0
Extended capabilities	
Caps class	Advanced Error Reporting
Caps offset	0x100
Caps class	Virtual Channel
Caps offset	0x140
Caps class	Device Serial Number
Caps offset	0x160
Caps class	0x18
Caps offset	0x170
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	EC 10 68 81 07 04 10 00 0C 00 00 02 10 00 00 00
10	01 E0 00 00 00 00 00 00 04 00 A0 FE 00 00 00 00
20	0C 00 00 D0 00 00 00 00 00 00 00 00 25 10 04 09
30	00 00 00 00 40 00 00 00 00 00 00 00 00 01 00 00
40	01 50 C3 FF 08 01 00 00 00 00 00 00 00 00 00 00
50	05 70 80 00 00 00 00 00 00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	10 B0 02 02 C0 8C 00 00 07 50 19 00 11 7C 47 00
80	40 00 11 10 00 00 00 00 00 00 00 00 00 00 00 00
90	00 00 00 00 1F 08 0C 00 10 00 00 00 02 00 00 00

A0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	11 D0 03 80 04 00 00 00 04 08 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
100	01 00 01 14 00 00 10 00 00 00 00 00 30 20 06 00
110	00 20 00 00 00 00 00 00 B4 00 00 00 01 00 00 04
120	03 01 00 00 00 00 01 01 00 00 00 00 00 00 00 00
130	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

DMI

DMI BIOS

vendor	American Megatrends Inc.
version	P11-A2
date	06/24/2014
ROM size	4096 KB

DMI System Information

manufacturer	Acer
product	Aspire TC-120
version	unknown
serial	DTSVKEG025444016001800
UUID	{D0410FF8-1C08-1420-1105-080948000000}
SKU	unknown
family	Acer Desktop

DMI Baseboard

vendor	Acer
model	Aspire TC-120
revision	unknown
serial	DBSV81100143085A1930A1

DMI System Enclosure

manufacturer	Acer
chassis type	Desktop
chassis serial	unknown

DMI Extension Slot

designation	PCIE1
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type	B6
populated	no
DMI Extension Slot	
designation	PCIE2
type	AC
populated	no
DMI Extension Slot	
designation	PCIE3
type	A6
populated	no
DMI OEM Strings	
string[0]	AMD Bantry Platform
DMI Physical Memory Array	
location	Motherboard
usage	System Memory
correction	None
max capacity	32768 MBytes
max# of devices	4
DMI Memory Device	
designation	DIMM 3
format	DIMM
type	unknown
total width	64 bits
data width	64 bits
DMI Memory Device	
designation	DIMM 1
format	DIMM
type	unknown
total width	64 bits
data width	64 bits
size	4096 MBytes
DMI Processor	
manufacturer	AMD
model	AMD A8-6500 APU with Radeon(tm) HD Graphics
clock speed	3500.0 MHz
FSB speed	100.0 MHz

multiplier 35.0x

Storage

Drive 0

Device Path

\\?\scsi#disk&ven_&prod_st500dm002-1bd14#4&1d73d3de&0&000000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}

Type	Fixed
Name	ST500DM002-1BD142
Capacity	465.8 GB
SMART Support	Yes
Volume	c:\, 224.0 GBytes (48.1 percent available)
Volume	d:\, 224.8 GBytes (99.9 percent available)

USB Devices

USB Device	USB-Eingabegerät, class=0x00, subclass=0x00, vendor=0x0457, product=0x1057
USB Device	USB-Verbundgerät, class=0x00, subclass=0x00, vendor=0x24AE, product=0x2001
USB Device	USB-Verbundgerät, class=0x00, subclass=0x00, vendor=0x04CA, product=0x007D
USB Device	TP-LINK Wireless USB Adapter, class=0xFF, subclass=0xFF, vendor=0x0CF3, product=0x9271
USB Device	Realtek USB 2.0 Card Reader, class=0xFF, subclass=0xFF, vendor=0x0BDA, product=0x0129

Graphics

Number of adapters 1

Graphic APIs

API	ATI I/O
API	ADL SDK

Display Adapters

Display adapter 0

Name	AMD Radeon HD 8570D
Board Manufacturer	0x1025 (0x0904)
Memory size	768 MB
PCI device	bus 0 (0x0), device 1 (0x1), function 0 (0x0)
Vendor ID	0x1002 (0x1025)
Model ID	0x990E (0x0904)
Performance Level	0
Core clock	304.0 MHz
Memory clock	800.0 MHz
Performance Level	1
Core clock	800.0 MHz
Memory clock	800.0 MHz

Win32_VideoController	AdapterRAM = 0x30000000 (805306368)
Win32_VideoController	DriverVersion = 15.201.1151.1008
Win32_VideoController	DriverDate = 11/04/2015

Monitor 0

Model	HT231 ()
ID	HSD5173
Serial	1234567890123
Manufacturing Date	Week 35, Year 2013
Size	22.9 inches
Max Resolution	1920 x 1080 @ 59 Hz
Horizontal Freq. Range	31-80 kHz
Vertical Freq. Range	56-75 Hz
Max Pixel Clock	180 MHz
Gamma Factor	2.2

Monitor 1

Model	HT231 ()
ID	HSD5173
Serial	1234567890123
Manufacturing Date	Week 35, Year 2013
Size	22.9 inches
Max Resolution	1920 x 1080 @ 59 Hz
Horizontal Freq. Range	31-80 kHz
Vertical Freq. Range	56-75 Hz
Max Pixel Clock	180 MHz
Gamma Factor	2.2

Software

Windows Version	Microsoft Windows 10 (10.0) Home 64-bit (Build 14393)
DirectX Version	12.0

Register Spaces

Register space	PCI
Register space	PCI #2
Register space	PCI Express, base address = 0x0E0000000
Register space	class = 0x12
Register space	SMBus, base address = 0x0B00
Register space	LPC, base address = 0x0A30
Register space	LPC, base address = 0x02E