

CPU-Z TXT Report

Binaries

CPU-Z version 1.88.0.x64

Processors

Number of sockets 1
Number of threads 2

APICs

Socket 0

-- Core 0 (ID 0)
 -- Thread 0 0
-- Core 1 (ID 4)
 -- Thread 1 4

Timers

ACPI timer 3.580 MHz
Perf timer 10.000 MHz
Sys timer 1.000 KHz

Processors Information

Socket 1 ID = 0
Number of cores 2 (max 2)
Number of threads 2 (max 2)
Name Intel Pentium P6200
Codename Arrandale
Specification Intel(R) Pentium(R) CPU P6200 @ 2.13GHz
Package (platform ID) Socket 989 rPGA (0x4)
CUID 6.5.5
Extended CUID 6.25
Core Stepping K0
Technology 32 nm
TDP Limit 25.0 Watts
Core Speed 931.1 MHz
Multiplier x Bus Speed 7.0 x 133.0 MHz
Base frequency (cores) 133.0 MHz
Base frequency (ext.) 133.0 MHz
Rated Bus speed 2394.3 MHz
Stock frequency 2133 MHz
Instructions sets MMX, SSE, SSE2, SSE3, SSSE3, EM64T
Microcode Revision 0x6

L1 Data cache line size	2 x 32 KBytes, 8-way set associative, 64-byte
L1 Instruction cache line size	2 x 32 KBytes, 4-way set associative, 64-byte
L2 cache line size	2 x 256 KBytes, 8-way set associative, 64-byte
L3 cache size	3 MBytes, 12-way set associative, 64-byte line
Max CPUID level	0000000Bh
Max CPUID ext. level	80000008h
Cache descriptor	Level 1, D, 32 KB, 2 thread(s)
Cache descriptor	Level 1, I, 32 KB, 2 thread(s)
Cache descriptor	Level 2, U, 256 KB, 2 thread(s)
Cache descriptor	Level 3, U, 3 MB, 16 thread(s)
FID/VID Control	yes
IBRS	supported, disabled
IBPB	supported
STIBP	supported, disabled
RDCL_NO	no
IBRS_ALL	not supported
Turbo Mode	not supported
Max turbo frequency	2133 MHz
Max non-turbo ratio	16x
Max turbo ratio	16x
Max efficiency ratio	7x
TDC Limit	25 Amps
Max bus number	63
Attached device	PCI device at bus 63, device 2, function 1
Temperature 0	60 degC (140 degF) (Core #0)
Temperature 1	60 degC (140 degF) (Core #1)
Power 00	2.09 W (Package)
Clock Speed 0	931.11 MHz (Core #0)
Clock Speed 1	931.11 MHz (Core #1)
Core 0 max ratio	16.0 (effective 16.0)
Core 1 max ratio	16.0 (effective 16.0)

Thread dumps

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-----
CPU Thread 0
  APIC ID          0
  Topology         Processor ID 0, Core ID 0, Thread ID 0

  CPUID
    0x00000000      0x0000000B      0x756E6547      0x6C65746E
0x49656E69
    0x00000001      0x00020655      0x00100800      0x0082E39D
0xBFEBFBFF
    0x00000002      0x55035A01      0x00F0B0DD      0x00000000
0x09CA212C

```

0x00000003	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004122	0x00C0003F	0x0000007F
0x00000000			
0x00000004	0x1C004143	0x01C0003F	0x000001FF
0x00000000			
0x00000004	0x1C03C163	0x02C0003F	0x00000FFF
0x00000002			
0x00000005	0x00000040	0x00000040	0x00000003
0x00000120			
0x00000006	0x00000005	0x00000002	0x00000001
0x00000000			
0x00000007	0x00000000	0x00000000	0x00000000
0x0C000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300403	0x00000004	0x00000000
0x00000603			
0x0000000B	0x00000001	0x00000001	0x00000100
0x00000000			
0x0000000B	0x00000004	0x00000002	0x00000201
0x00000000			
0x80000000	0x80000008	0x00000000	0x00000000
0x00000000			
0x80000001	0x00000000	0x00000000	0x00000001
0x28100800			
0x80000002	0x65746E49	0x2952286C	0x6E655020
0x6D756974			
0x80000003	0x20295228	0x20555043	0x20202020
0x50202020			
0x80000004	0x30303236	0x20402020	0x33312E32
0x007A4847			
0x80000005	0x00000000	0x00000000	0x00000000
0x00000000			
0x80000006	0x00000000	0x00000000	0x01006040
0x00000000			
0x80000007	0x00000000	0x00000000	0x00000000
0x00000100			
0x80000008	0x00003024	0x00000000	0x00000000
0x00000000			

MSR 0x0000001B	0x00000000	0xFEE00900
MSR 0x00000048	0x00000000	0x00000000
MSR 0x000001A0	0x00000000	0x00850089
MSR 0x000000CE	0x00000700	0x20011000
MSR 0x00000017	0x00100000	0x00000000
MSR 0x00000035	0x00000000	0x00020002
MSR 0x000000C1	0x00000000	0x00000000
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000

MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x00001010
MSR 0x00000194	0x00000000	0x00000000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001AC	0x00000000	0x00C800C8
MSR 0x000001FC	0x00000000	0x00000003
MSR 0x00000300	0x00000000	0xF800000D
MSR 0x0000019C	0x00000000	0x88160008
MSR 0x000001A2	0x00000000	0x005A0A00
MSR 0xC0000103	0x00000000	0x00000000
MSR 0x00000198	0x00000000	0x00000010
MSR 0x00000199	0x00000000	0x00000010

CPU Thread 1

APIC ID

4

Topology

Processor ID 0, Core ID 4, Thread ID 0

CPUID			
0x00000000	0x0000000B	0x756E6547	0x6C65746E
0x49656E69			
0x00000001	0x00020655	0x04100800	0x0082E39D
0xBFEBFBFF			
0x00000002	0x55035A01	0x00F0B0DD	0x00000000
0x09CA212C			
0x00000003	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004122	0x00C0003F	0x0000007F
0x00000000			
0x00000004	0x1C004143	0x01C0003F	0x000001FF
0x00000000			
0x00000004	0x1C03C163	0x02C0003F	0x0000FFFF
0x00000002			
0x00000005	0x00000040	0x00000040	0x00000003
0x00000120			
0x00000006	0x00000005	0x00000002	0x00000001
0x00000000			
0x00000007	0x00000000	0x00000000	0x00000000
0x0C000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300403	0x00000004	0x00000000
0x00000603			
0x0000000B	0x00000001	0x00000001	0x00000100
0x00000004			
0x0000000B	0x00000004	0x00000002	0x00000201
0x00000004			
0x80000000	0x80000008	0x00000000	0x00000000

0x00000000			
0x80000001	0x00000000	0x00000000	0x00000001
0x28100800			
0x80000002	0x65746E49	0x2952286C	0x6E655020
0x6D756974			
0x80000003	0x20295228	0x20555043	0x20202020
0x50202020			
0x80000004	0x30303236	0x20402020	0x33312E32
0x007A4847			
0x80000005	0x00000000	0x00000000	0x00000000
0x00000000			
0x80000006	0x00000000	0x00000000	0x01006040
0x00000000			
0x80000007	0x00000000	0x00000000	0x00000000
0x00000100			
0x80000008	0x00003024	0x00000000	0x00000000
0x00000000			

MSR 0x0000001B	0x00000000	0xFEE00800
MSR 0x00000048	0x00000000	0x00000000
MSR 0x000001A0	0x00000000	0x00850089
MSR 0x000000CE	0x00000700	0x20011000
MSR 0x00000017	0x00100000	0x00000000
MSR 0x00000035	0x00000000	0x00020002
MSR 0x000000C1	0x00000000	0x00000000
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000
MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x00001010
MSR 0x00000194	0x00000000	0x00000000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001AC	0x00000000	0x00C800C8
MSR 0x000001FC	0x00000000	0x00000003
MSR 0x00000300	0x00000000	0xF800000D
MSR 0x0000019C	0x00000000	0x8816028A
MSR 0x000001A2	0x00000000	0x005A0A00
MSR 0xC0000103	0x00000000	0x00000001
MSR 0x00000198	0x00000000	0x00000010
MSR 0x00000199	0x00000000	0x00000010

BIOS

UEFI

Yes

Chipset

Northbridge

Intel Havendale/Clarkdale Host Bridge rev. 18

Southbridge	Intel HM55 rev. 06
Memory Type	DDR3
Memory Size	4 GBytes
Channels	Dual, (Symmetric)
Memory Frequency	532.1 MHz (4:16)
CAS# latency (CL)	7.0
RAS# to CAS# delay (tRCD)	7
RAS# Precharge (tRP)	7
Cycle Time (tRAS)	20
Row Refresh Cycle Time (tRFC)	86
Command Rate (CR)	1T
Host Bridge	0x0044
Host Bridge	0x2C62
Host Bridge	0x2D01
Host Bridge	0x2D10
Host Bridge	0x2D11
Host Bridge	0x2D12
Host Bridge	0x2D13

Memory SPD

DIMM #	1
SMBus address	0x50
Memory type	DDR3
Module format	SO-DIMM
Module Manufacturer(ID)	Nanya Technology (7F7F7F0B00000000000000)
Size	2048 MBytes
Max bandwidth	PC3-10700 (667 MHz)
Part number	M2S2G64CB88B5N-CG
Serial number	6514165D
Manufacturing date	Week 42/Year 11
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	5.0-5-5-14-19 @ 380 MHz
JEDEC #2	6.0-6-6-17-23 @ 457 MHz
JEDEC #3	7.0-7-7-20-27 @ 533 MHz
JEDEC #4	8.0-8-8-22-30 @ 609 MHz
JEDEC #5	9.0-9-9-24-33 @ 666 MHz

DIMM #	2
SMBus address	0x52
Memory type	DDR3
Module format	SO-DIMM
Module Manufacturer(ID)	Nanya Technology (7F7F7F0B00000000000000)
Size	2048 MBytes
Max bandwidth	PC3-10700 (667 MHz)
Part number	M2S2G64CB88B5N-CG
Serial number	C714165C

Manufacturing date	Week 42/Year 11
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	5.0-5-5-14-19 @ 380 MHz
JEDEC #2	6.0-6-6-17-23 @ 457 MHz
JEDEC #3	7.0-7-7-20-27 @ 533 MHz
JEDEC #4	8.0-8-8-22-30 @ 609 MHz
JEDEC #5	9.0-9-9-24-33 @ 666 MHz

[illegible]

Monitoring

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Mainboard Model      RM MOBILE ONE 310 (0x0000042D - 0xF9A11580)
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LPCIO

Hardware Monitors

Hardware monitor	D3D
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PCI Devices

Register space PCI Express, base address = 0x0F8000000

Description	Host Bridge
Location	bus 0 (0x00), device 0 (0x00), function 0 (0x00)

Common header

Vendor ID	0x8086
Model ID	0x0044
Revision ID	0x18
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x00

PCI header

Subvendor ID	0x1B0A
Subsystem ID	0x2047
Int. Line	0x00
Int. Pin	0x00

PCI capability

Caps class	Vendor Dependant
Caps offset	0xE0

PCI registers

[illegible]

D0	00 00 00 00 03 03 00 00 00 00 00 00 00 00 00 82
E0	09 00 0C 01 26 61 B1 00 88 00 00 02 00 00 00 00
F0	00 00 00 00 0D 00 00 00 AB 0F 18 00 00 00 00 00

Description	VGA Controller
Location	bus 0 (0x00), device 2 (0x02), function 0 (0x00)

Common header	
Vendor ID	0x8086
Model ID	0x0046
Revision ID	0x18
PI	0x00
SubClass	0x00
BaseClass	0x03
Cache Line	0x00
Latency	0x00
Header	0x00

PCI header	
Address 0 (memory)	0xF0000000
Address 2 (memory)	0xE0000000
Address 4 (port)	0x0000E0E0
Subvendor ID	0x1B0A
Subsystem ID	0x2041
Int. Line	0x00
Int. Pin	0x01

PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x90

PCI capability	
Caps class	Power Management
Caps offset	0xD0
Caps version	1.1

PCI capability	
Caps class	0x13
Caps offset	0xA4

PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	86 80 46 00 07 04 90 00 18 00 00 03 00 00 00 00
10	04 00 00 F0 00 00 00 00 0C 00 00 E0 00 00 00 00
20	E1 E0 00 00 00 00 00 00 00 00 00 00 0A 1B 41 20
30	00 00 00 00 90 00 00 00 00 00 00 00 00 01 00 00
40	09 00 0C 01 26 61 B1 00 88 00 00 02 0F 17 14 17
50	00 00 50 0B 09 00 00 00 00 00 00 00 00 00 00 DE
60	00 00 02 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	05 D0 01 00 0C 30 E0 FE 71 49 00 00 00 00 00 00
A0	11 11 11 00 13 00 06 03 00 00 14 60 25 04 3A 30
B0	00 00 00 00 00 00 00 00 00 00 02 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	01 A4 22 00 00 00 00 00 00 00 00 00 00 01 02 00
E0	01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 AB 0F 18 00 00 00 00 00

Description	Communication Device
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Location bus 0 (0x00), device 22 (0x16), function 0
(0x00)

Common header

Vendor ID	0x8086
Model ID	0x3B64
Revision ID	0x06
PI	0x00
SubClass	0x80
BaseClass	0x07
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Address 0 (memory)	0xF0609000
Subvendor ID	0x1B0A
Subsystem ID	0x2047
Int. Line	0x10
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	0x8C

PCI registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	86	80	64	3B	06	00	10	00	06	00	80	07	00	00	80	00
10	04	90	60	F0	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	0A	1B	47	20
30	00	00	00	00	50	00	00	00	00	00	00	00	10	01	00	00
40	45	02	00	00	20	00	01	80	00	00	00	69	00	00	00	00
50	01	8C	03	C8	08	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	05	00	80	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	02	00	00	C0
C0	51	E4	72	F2	AA	AE	6D	9B	CF	9D	A2	3F	2A	6B	30	96
D0	4A	CC	F9	F8	A0	08	8F	4D	2D	11	83	0C	3C	CD	9F	F0
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 26 (0x1A), function 0
(0x00)

Common header

Vendor ID	0x8086
Model ID	0x3B3C
Revision ID	0x06
PI	0x20
SubClass	0x03
BaseClass	0x0C

Cache Line	0x00
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xF0607000
Subvendor ID	0x1B0A
Subsystem ID	0x2047
Int. Line	0x10
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.1
PCI capability	
Caps class	Debug Port
Caps offset	0x58
PCI capability	
Caps class	0x13
Caps offset	0x98

PCI registers		00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00		86	80	3C	3B	06	00	90	02	06	20	03	0C	00	00	00	00
10		00	70	60	F0	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	0A	1B	47	20
30		00	00	00	00	50	00	00	00	00	00	00	00	10	01	00	00
40		00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
50		01	58	C2	C9	00	00	00	00	0A	98	A0	20	00	00	00	00
60		20	20	FF	07	00	00	00	00	01	00	00	01	00	20	00	00
70		00	00	DF	3F	00	00	00	00	00	00	00	00	00	00	00	00
80		00	00	80	00	11	89	0C	13	A0	00	00	00	00	00	00	00
90		00	00	00	00	00	00	00	00	13	00	06	03	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	AA	FF	00	00	00	00	00	00	00	00	00
E0		00	00	00	00	00	00	00	00	00	00	00	00	84	30	53	DA
F0		00	00	00	00	88	85	80	00	87	0F	07	08	28	17	1B	30

Description	Multimedia device
Location	bus 0 (0x00), device 27 (0x1B), function 0
(0x00)	
Common header	
Vendor ID	0x8086
Model ID	0x3B56
Revision ID	0x06
PI	0x00
SubClass	0x03
BaseClass	0x04
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xF0600000
Subvendor ID	0x1B0A

Subsystem ID	0x2087
Int. Line	0x16
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x50
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x60
PCI capability	
Caps class	PCI Express
Caps offset	0x70
Device type	Root Complex Integrated Endpoint Device
Port	0
Version	1.0
Link width	0x (max 0x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
Caps class	Root Complex Link Declaration
Caps offset	0x130
Link Entries #	1
Port Number	15

PCI registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	86	80	56	3B	06	00	10	00	06	00	03	04	10	00	00	00
10	04	00	60	F0	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	0A	1B	87	20
30	00	00	00	00	50	00	00	00	00	00	00	00	16	01	00	00
40	01	00	00	47	01	00	00	00	00	00	00	00	00	00	00	00
50	01	60	42	C8	00	00	00	00	00	00	00	00	00	00	00	00
60	05	70	80	00	00	00	00	00	00	00	00	00	00	00	00	00
70	10	00	91	00	00	00	00	10	00	08	10	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	04	00	01	02	00	00	00	05	00	09	02	10	70	30	16
D0	0B	00	91	06	10	00	31	16	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	87	0F	07	08	00	00	00	00
100	02	00	01	13	01	00	00	00	00	00	00	00	00	00	00	00
110	00	00	00	00	01	00	00	80	00	00	00	00	00	00	00	00
120	02	00	00	81	00	00	00	00	00	00	00	00	00	00	00	00
130	05	00	01	00	00	01	00	0F	00	00	00	00	00	00	00	00

Description	PCI to PCI Bridge
Location (0x00)	bus 0 (0x00), device 28 (0x1C), function 0
Common header	
Vendor ID	0x8086
Model ID	0x3B42
Revision ID	0x06

PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x81
PCI header	
Primary bus	0x00
Secondary bus	0x01
Int. Line	0x0B
Int. Pin	0x01
PCI capability	
Caps class	PCI Express
Caps offset	0x40
Device type	Root Port of PCI-E Root Complex
Port	1
Version	2.0
Physical slot	#0
Presence detect	no
Link width	0x (max 1x)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x80
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0x90
SubVendor ID	0x1B0A
SubSystem ID	0x2047
PCI capability	
Caps class	Power Management
Caps offset	0xA0
Caps version	1.1
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	86 80 42 3B 04 04 10 00 06 00 04 06 10 00 81 00
10	00 00 00 00 00 00 00 00 00 01 01 00 F0 00 00 20
20	F0 FF 00 00 F1 FF 01 00 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 0B 01 00 00
40	10 80 42 01 00 80 00 00 00 00 10 00 11 4C 11 01
50	00 00 01 10 00 B2 04 00 00 00 00 00 00 00 00 00
60	00 00 00 00 16 00 00 00 00 00 00 00 00 00 00 00
70	01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	0D A0 00 00 0A 1B 47 20 00 00 00 00 00 00 00 00
A0	01 00 02 C8 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 10 00 00 00 00 00 00 80 00 11 00 00 00 00 00
E0	00 00 00 00 06 07 08 00 30 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 87 0F 07 08 00 00 00 00
100	00 00 00 00 00 00 00 00 00 00 00 00 11 00 06 00
110	00 00 00 00 00 20 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	PCI to PCI Bridge
Location (0x01)	bus 0 (0x00), device 28 (0x1C), function 1
Common header	
Vendor ID	0x8086
Model ID	0x3B44
Revision ID	0x06
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x81
PCI header	
Primary bus	0x00
Secondary bus	0x02
Int. Line	0x03
Int. Pin	0x02
PCI capability	
Caps class	PCI Express
Caps offset	0x40
Device type	Root Port of PCI-E Root Complex
Port	2
Version	2.0
Physical slot	#0
Presence detect	yes
Link width	1x (max 1x)
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x80
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0x90
SubVendor ID	0x1B0A
SubSystem ID	0x2047
PCI capability	
Caps class	Power Management
Caps offset	0xA0
Caps version	1.1
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	86 80 44 3B 06 04 10 00 06 00 04 06 10 00 81 00
10	00 00 00 00 00 00 00 00 00 02 02 00 F0 00 00 00
20	50 F0 50 F0 F1 FF 01 00 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 03 02 00 00
40	10 80 42 01 00 80 00 00 00 00 10 00 11 2C 11 02
50	42 00 11 30 00 B2 0C 00 00 00 48 01 00 00 00 00
60	00 00 00 00 16 00 00 00 00 00 00 00 00 00 00 00
70	01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	05 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
90	0D A0 00 00 0A 1B 47 20 00 00 00 00 00 00 00 00
A0	01 00 02 C8 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 10 00 00 00 00 00 00 80 00 11 00 00 00 00 00
E0	00 0F 00 00 06 07 08 00 31 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 87 0F 07 08 00 00 00 00
100	00 00 00 00 00 00 00 00 00 00 00 00 11 00 06 00
110	00 00 00 00 00 20 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	PCI to PCI Bridge
Location (0x05)	bus 0 (0x00), device 28 (0x1C), function 5

Common header	
Vendor ID	0x8086
Model ID	0x3B4C
Revision ID	0x06
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x81

PCI header	
Primary bus	0x00
Secondary bus	0x03
Int. Line	0x03
Int. Pin	0x02

PCI capability	
Caps class	PCI Express
Caps offset	0x40
Device type	Root Port of PCI-E Root Complex
Port	6
Version	2.0
Physical slot	#0
Presence detect	yes
Link width	1x (max 1x)

PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x80

PCI capability	
Caps class	Subsystem Vendor
Caps offset	0x90
SubVendor ID	0x1B0A
SubSystem ID	0x2047

PCI capability	
Caps class	Power Management
Caps offset	0xA0
Caps version	1.1

PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	86 80 4C 3B 07 04 10 00 06 00 04 06 10 00 81 00
10	00 00 00 00 00 00 00 00 00 03 03 00 D0 D0 00 00
20	40 F0 40 F0 F1 FF 01 00 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 03 02 00 00

40	10 80 42 01 00 80 00 00 00 00 10 00 11 2C 11 06
50	42 00 11 30 00 B2 2C 00 00 00 48 01 00 00 00 00
60	00 00 00 00 16 00 00 00 00 00 00 00 00 00 00
70	01 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	05 90 00 00 00 00 00 00 00 00 00 00 00 00 00
90	0D A0 00 00 0A 1B 47 20 00 00 00 00 00 00 00
A0	01 00 02 C8 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
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	00 10 00 00 00 00 00 00 80 00 11 00 00 00 00
E0	00 0F 00 00 06 07 08 00 31 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 87 0F 07 08 00 00 00
100	00 00 00 00 10 00 00 00 00 00 00 00 11 00 06
110	00 00 00 00 00 20 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
130	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 29 (0x1D), function 0
(0x00)

Common header

Vendor ID	0x8086
Model ID	0x3B34
Revision ID	0x06
PI	0x20
SubClass	0x03
BaseClass	0x0C
Cache Line	0x00
Latency	0x00
Header	0x00

PCI header

Address 0 (memory)	0xF0606000
Subvendor ID	0x1B0A
Subsystem ID	0x2047
Int. Line	0x17
Int. Pin	0x01

PCI capability

Caps class	Power Management
Caps offset	0x50
Caps version	1.1

PCI capability

Caps class	Debug Port
Caps offset	0x58

PCI capability

Caps class	0x13
Caps offset	0x98

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	86 80 34 3B 06 00 90 02 06 20 03 0C 00 00 00 00
10	00 60 60 F0 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 0A 1B 47 20
30	00 00 00 00 50 00 00 00 00 00 00 00 17 01 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	01 58 C2 C9 00 00 00 00 0A 98 A0 20 00 00 00 00

60	20	20	FF	07	00	00	00	00	01	00	00	01	00	20	00	00
70	00	00	DF	3F	00	00	00	00	00	00	00	00	00	00	00	00
80	00	00	80	00	11	89	0C	13	A0	00	00	00	00	00	00	00
90	00	00	00	00	00	00	00	00	13	00	06	03	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	AA	FF	00	00	00	00	00	00	00	00	00
E0	00	00	00	00	00	00	00	00	00	00	00	00	84	00	6E	DA
F0	00	00	00	00	88	85	80	00	87	0F	07	08	28	17	1B	30

Description	PCI to PCI Bridge
Location (0x00)	bus 0 (0x00), device 30 (0x1E), function 0

Common header

Vendor ID	0x8086
Model ID	0x2448
Revision ID	0xA6
PI	0x01
SubClass	0x04
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x01

PCI header

Primary bus	0x00
Secondary bus	0x04
Int. Line	0xFF
Int. Pin	0x00

PCI capability

Caps class	Subsystem Vendor
Caps offset	0x50
SubVendor ID	0x1B0A
SubSystem ID	0x2047

PCI registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	86	80	48	24	07	00	10	00	A6	01	04	06	00	00	01	00
10	00	00	00	00	00	00	00	00	00	04	04	20	F0	00	80	22
20	F0	FF	00	00	F1	FF	01	00	00	00	00	00	00	00	00	00
30	00	00	00	00	50	00	00	00	00	00	00	00	FF	00	00	00
40	00	00	00	00	00	00	00	00	00	00	00	00	00	12	00	10
50	0D	00	00	00	0A	1B	47	20	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	87	0F	07	08	00	00	00	00

Description	PCI to ISA Bridge
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Location bus 0 (0x00), device 31 (0x1F), function 0
(0x00)

Common header

Vendor ID	0x8086
Model ID	0x3B09
Revision ID	0x06
PI	0x00
SubClass	0x01
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Subvendor ID	0x1B0A
Subsystem ID	0x2047
Int. Line	0x00
Int. Pin	0x00

PCI capability

Caps class	Vendor Dependant
Caps offset	0xE0

PCI registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	86	80	09	3B	07	00	10	02	06	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	0A	1B	47	20
30	00	00	00	00	E0	00	00	00	00	00	00	00	00	00	00	00
40	01	04	00	00	80	00	00	00	01	05	00	00	10	00	00	00
50	F8	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
60	8B	83	8A	8A	90	00	00	00	80	80	85	84	F8	00	00	00
70	F8	00	F8	00	F8	00	F8	00	F8	00	F8	00	F8	00	F8	00
80	10	00	0F	3C	41	02	1C	00	00	00	00	00	00	00	00	00
90	00	00	00	00	00	0F	00	00	00	00	00	00	00	00	00	00
A0	04	02	20	00	41	20	02	00	00	45	00	00	00	03	00	C0
B0	00	00	00	00	00	00	00	00	00	00	81	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	67	45	00	00	C0	F0	00	00	00	00	00	00
E0	09	00	10	11	F1	0A	E4	0E	40	B7	46	58	06	24	B8	02
F0	01	C0	D1	FE	00	00	00	00	87	0F	07	08	00	00	00	00

Description IDE Controller

Location bus 0 (0x00), device 31 (0x1F), function 2
(0x02)

Common header

Vendor ID	0x8086
Model ID	0x3B28
Revision ID	0x06
PI	0x8F
SubClass	0x01
BaseClass	0x01
Cache Line	0x00
Latency	0x00
Header	0x00

PCI header

Address 0 (port)	0x0000E0D0
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Address 1 (port)	0x0000E0C0
Address 2 (port)	0x0000E0B0
Address 3 (port)	0x0000E0A0
Address 4 (port)	0x0000E090
Address 5 (port)	0x0000E080
Subvendor ID	0x1B0A
Subsystem ID	0x2047
Int. Line	0x13
Int. Pin	0x02

PCI capability

Caps class	Power Management
Caps offset	0x70
Caps version	1.2

PCI capability

Caps class	0x13
Caps offset	0xB0

PCI registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	86	80	28	3B	05	00	B0	02	06	8F	01	01	00	00	00	00
10	D1	E0	00	00	C1	E0	00	00	B1	E0	00	00	A1	E0	00	00
20	91	E0	00	00	81	E0	00	00	00	00	00	00	0A	1B	47	20
30	00	00	00	00	70	00	00	00	00	00	00	00	13	02	00	00
40	00	A3	00	A3	00	00	00	00	05	00	01	01	00	00	00	00
50	00	00	00	00	05	50	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	01	B0	03	00	08	00	00	00	00	00	00	00	00	00	00	00
80	05	70	00	00	00	00	00	00	00	00	00	00	00	00	00	00
90	00	0C	03	83	83	01	00	0C	20	02	59	00	01	00	00	00
A0	D4	00	00	00	00	00	00	10	00	00	00	00	00	00	00	00
B0	13	00	06	03	00	00	00	00	00	00	00	00	00	00	00	00
C0	00	00	00	00	05	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	87	0F	07	08	00	00	00	00

Description

SMBus Controller

Location

bus 0 (0x00), device 31 (0x1F), function 3

(0x03)

Common header

Vendor ID	0x8086
Model ID	0x3B30
Revision ID	0x06
PI	0x00
SubClass	0x05
BaseClass	0x0C
Cache Line	0x00
Latency	0x00
Header	0x00

PCI header

Address 0 (memory)	0xF0605000
Address 4 (port)	0x0000E000
Subvendor ID	0x1B0A
Subsystem ID	0x2047
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	86	80	30	3B	03	00	80	02	06	00	05	0C	00	00	00	00
10	04	50	60	F0	00	00	00	00	00	00	00	00	00	00	00	00
20	01	E0	00	00	00	00	00	00	00	00	00	00	0A	1B	47	20
30	00	00	00	00	00	00	00	00	00	00	00	00	12	03	00	00
40	01	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	03	04	04	00	00	00	08	08	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	04	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	87	0F	07	08	00	00	00	00

Description IDE Controller
Location bus 0 (0x00), device 31 (0x1F), function 5
(0x05)

Common header

Vendor ID 0x8086
Model ID 0x3B2D
Revision ID 0x06
PI 0x85
SubClass 0x01
BaseClass 0x01
Cache Line 0x00
Latency 0x00
Header 0x00

PCI header

Address 0 (port) 0x0000E070
Address 1 (port) 0x0000E060
Address 2 (port) 0x0000E050
Address 3 (port) 0x0000E040
Address 4 (port) 0x0000E030
Address 5 (port) 0x0000E020
Subvendor ID 0x1B0A
Subsystem ID 0x2047
Int. Line 0x13
Int. Pin 0x02

PCI capability

Caps class Power Management
Caps offset 0x70
Caps version 1.2

PCI capability

Caps class 0x13
Caps offset 0xB0

PCI registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	86	80	2D	3B	05	00	B0	02	06	85	01	01	00	00	00	00

10	71 E0 00 00 61 E0 00 00 51 E0 00 00 41 E0 00 00
20	31 E0 00 00 21 E0 00 00 00 00 00 00 0A 1B 47 20
30	00 00 00 00 70 00 00 00 00 00 00 00 13 02 00 00
40	00 80 00 80 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	01 B0 03 00 08 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	13 00 06 03 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 87 0F 07 08 00 00 00 00

Description	Data Aquisation and Signal Processing Device
Location	bus 0 (0x00), device 31 (0x1F), function 6
(0x06)	

Common header

Vendor ID	0x8086
Model ID	0x3B32
Revision ID	0x06
PI	0x00
SubClass	0x80
BaseClass	0x11
Cache Line	0x00
Latency	0x00
Header	0x00

PCI header

Address 0 (memory)	0xF0604000
Subvendor ID	0x1B0A
Subsystem ID	0x2047
Int. Line	0x0A
Int. Pin	0x03

PCI capability

Caps class	Power Management
Caps offset	0x50
Caps version	1.2

PCI capability

Caps class	Message Signalled Interrupts
Caps offset	0x80

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	86 80 32 3B 06 00 10 00 06 00 80 11 00 00 00 00
10	04 40 60 F0 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 0A 1B 47 20
30	00 00 00 00 50 00 00 00 00 00 00 00 0A 03 00 00
40	05 F0 F9 FF 00 00 00 00 00 00 00 00 00 00 00 00
50	01 80 23 00 08 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	05 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 87 0F 07 08 00 00 00 00

Description	Network Controller
Location	bus 2 (0x02), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x422C
Revision ID	0x3E
PI	0x00
SubClass	0x80
BaseClass	0x02
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xF0500000
Subvendor ID	0x8086
Subsystem ID	0x1301
Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0xC8
Caps version	1.2
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xD0
PCI capability	
Caps class	PCI Express
Caps offset	0xE0
Device type	PCI-E Endpoint Device
Port	0
Version	1.0
Link width	1x (max 1x)
Extended capabilities	
Caps class	Advanced Error Reporting
Caps offset	0x100
Caps class	Device Serial Number
Caps offset	0x140
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	86 80 2C 42 06 04 10 00 3E 00 80 02 10 00 00 00
10	04 00 50 F0 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 86 80 01 13
30	00 00 00 00 C8 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	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 01 D0 23 C8 00 00 00 0D
D0	05 E0 81 00 0C 30 E0 FE 00 00 00 00 81 49 00 00
E0	10 00 01 00 C0 8E 00 10 00 08 19 00 11 9C 06 00
F0	42 01 11 10 00 00 00 00 00 00 00 00 00 00 00 00
100	01 00 01 14 00 00 00 00 00 00 00 00 11 20 06 00
110	00 20 00 00 00 20 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	Ethernet Controller
Location	bus 3 (0x03), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x1969
Model ID	0x1063
Revision ID	0xC0
PI	0x00
SubClass	0x00
BaseClass	0x02
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xF0400000
Address 2 (port)	0x0000D000
Subvendor ID	0x1B0A
Subsystem ID	0x202F
Int. Line	0x11
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	0x48
PCI capability	
Caps class	PCI Express
Caps offset	0x58
Device type	PCI-E Endpoint Device
Port	0
Version	1.0
Link width	1x (max 1x)
PCI capability	
Caps class	Virtual Product Data
Caps offset	0x6C
Extended capabilities	
Caps class	Advanced Error Reporting
Caps offset	0x100
Caps class	Device Serial Number
Caps offset	0x180

PCI registers

[illegible]

Description	Host Bridge
Location	bus 63 (0x3F), device 0 (0x00), function 0 (0x00)

Common header

Vendor ID	0x8086
Model ID	0x2C62
Revision ID	0x05
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

```
Subvendor ID      0x8086
Subsystem ID      0x8086
Int. Line         0x00
Int. Pin          0x00
```

PCI registers

[illegible]

B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	0D 0C 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	80 01 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 (0x01)	bus 63 (0x3F), device 0 (0x00), function 1

Common header	
Vendor ID	0x8086
Model ID	0x2D01
Revision ID	0x05
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header	
Subvendor ID	0x8086
Subsystem ID	0x8086
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	86 80 01 2D 06 00 00 00 05 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 86 80 86 80
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	10 11 11 01 00 33 33 00 00 00 00 00 00 00 1A 00 00
50	0D 00 00 F8 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	83 0D 00 00 C2 0F 00 00 43 11 00 00 42 11 00 00
90	42 11 00 00 42 11 00 00 42 11 00 00 42 11 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 (0x00)	bus 63 (0x3F), device 2 (0x02), function 0

Common header	
Vendor ID	0x8086
Model ID	0x2D10
Revision ID	0x05
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00

Latency	0x00
Header	0x80
PCI header	
Subvendor ID	0x8086
Subsystem ID	0x8086
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	86 80 10 2D 06 00 00 00 05 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 86 80 86 80
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	00 01 8F 08 00 00 00 00 00 00 14 00 00 00 00 00
50	00 00 00 86 00 00 00 00 55 45 06 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 5F 00 85 06 00 00 00 00 00 F3 00 00 00 00
D0	01 05 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 63 (0x3F), device 2 (0x02), function 1
(0x01)	

Common header	
Vendor ID	0x8086
Model ID	0x2D11
Revision ID	0x05
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header	
Subvendor ID	0x8086
Subsystem ID	0x8086
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	86 80 11 2D 06 00 00 00 05 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 86 80 86 80
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	09 00 FF F0 01 00 80 0B 00 00 10 00 73 02 00 00
50	12 01 0C 12 12 00 00 00 01 00 00 00 01 00 00 00
60	00 00 00 00 00 00 00 00 51 C3 10 A0 A0 40 00 00
70	00 00 00 00 FF FF 0F 80 00 00 00 00 FF FF 0F 00

80	03 0F 0C 07 00 00 00 00 01 00 00 00 01 00 0F 0F
90	82 00 00 00 02 02 01 00 08 08 88 08 02 05 00 00
A0	00 4E 00 00 03 2C 1D 00 84 00 00 06 02 00 00 00
B0	77 15 AE 4D 00 00 00 00 00 00 00 00 01 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D0	09 0C 09 0C 00 00 00 00 00 00 00 00 03 00 08 00
E0	00 00 02 00 00 00 40 00 00 00 82 24 00 00 00 00
F0	00 00 00 00 42 01 00 00 00 00 00 00 00 00 00 00

Description	Host Bridge
Location (0x02)	bus 63 (0x3F), device 2 (0x02), function 2

Common header	
Vendor ID	0x8086
Model ID	0x2D12
Revision ID	0x05
PI	0x00
SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header	
Subvendor ID	0x8086
Subsystem ID	0x8086
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	86 80 12 2D 06 00 00 00 05 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 86 80 86 80
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	Host Bridge
Location (0x03)	bus 63 (0x3F), device 2 (0x02), function 3

Common header	
Vendor ID	0x8086
Model ID	0x2D13
Revision ID	0x05
PI	0x00

SubClass	0x00
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Subvendor ID	0x8086
Subsystem ID	0x8086
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	86	80	13	2D	06	00	00	00	05	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	86	80	86	80
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

DMI

SMBIOS Version	2.6
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DMI BIOS

vendor	American Megatrends Inc.
version	202
date	04/20/2011
ROM size	2048 KB

DMI Processor

manufacturer	Intel
model	Intel(R) Pentium(R) CPU P6200 @ 2.13GH
clock speed	2133.0 MHz
FSB speed	533.0 MHz
multiplier	4.0x

DMI Port Connector

designation	J1A1 (internal)
designation	PS2Mouse (external)
port type	Mouse Port
connector	PS/2

DMI Port Connector	J1A1 (internal)
designation	Keyboard (external)
designation	Keyboard Port
port type	PS/2
connector	
DMI Port Connector	J1A2A (internal)
designation	Serial Port (external)
designation	Serial Port 16550A
port type	DB-9 male
connector	
DMI Port Connector	J1A2B (internal)
designation	Video (external)
designation	Video Port
port type	DB-15 female
connector	
DMI Port Connector	J3A2 (internal)
designation	HDMI (external)
designation	Video Port
port type	
connector	
DMI Port Connector	J3A3 (internal)
designation	USB1 (external)
designation	USB
port type	Access Bus (USB)
connector	
DMI Port Connector	J3A3 (internal)
designation	USB2 (external)
designation	USB
port type	Access Bus (USB)
connector	
DMI Port Connector	J3A3 (internal)
designation	USB3 (external)
designation	USB
port type	Access Bus (USB)
connector	
DMI Port Connector	J3A3 (internal)
designation	USB4 (external)
designation	USB
port type	Access Bus (USB)
connector	
DMI Port Connector	J4A1 (internal)
designation	USB5 (external)
designation	USB
port type	Access Bus (USB)
connector	
DMI Port Connector	

designator	J4A1 (internal)
designator	USB6 (external)
port type	USB
connector	Access Bus (USB)
DMI Port Connector designator	J5B1 - PCH JTAG (internal)
DMI Port Connector designator	J9A1 - TPM/PORT 80 (internal)
DMI Port Connector designator	J9E4 - HDA 2X8 Header (internal)
DMI Port Connector designator	J9E7 - HDA 8Pin Header (internal)
DMI Port Connector designator	J8F1 - HDA HDMI (internal)
DMI Port Connector designator	J9E3 - Scan Matrix Keyboard (internal)
DMI Extension Slot designator	J5C1
type	AA
populated	no
DMI Extension Slot designator	J6C2
type	A5
populated	no
DMI Extension Slot designator	J6D2
type	A5
populated	yes
DMI Extension Slot designator	J7C1
type	A5
populated	no
DMI Extension Slot designator	J7D2
type	A5
populated	no
DMI Extension Slot designator	J6C1
type	A5
populated	no
DMI Extension Slot	

designation	J8C2
type	AA
width	32 bits
populated	yes

DMI OEM Strings
string[0]

DMI System Information	
manufacturer	RM Education
product	RM
version	1.0
serial	W058060202
UUID	{FB1E4900-D21F-81E0-3232-3860773ACD03}
SKU	To be filled by O.E.M.
family	PEGA Family

DMI Baseboard	
vendor	RM Education
model	RM MOBILE ONE 310
revision	1.0
serial	W058060202

DMI System Enclosure	
manufacturer	RM Education
chassis type	Notebook
chassis serial	W058060202

DMI Physical Memory Array	
location	Motherboard
usage	System Memory
correction	None
max capacity	8 GB
max# of devices	2

DMI Memory Device	
designation	DIMM0
format	SODIMM
type	DDR3
total width	64 bits
data width	64 bits
size	2 GB

DMI Memory Device	
designation	DIMM2
format	SODIMM
type	DDR3
total width	64 bits
data width	64 bits
size	2 GB

Storage

Drive 0	
Name	SAMSUNG HN-M160MBB
Revision	2AR10001
Serial	S2SYJ9ABA03781
Capacity	149.0 GB
Type	Fixed
Bus Type	ATA (3)
Rotation speed	5400 RPM
Features	SMART
Volume	c:\, 148.5 GBytes (80.2 percent available)

USB Devices

USB Device vendor=0x8087, product=0x0020	Generic USB Hub, class=0x09, subclass=0x00,
USB Device vendor=0x05C8, product=0x030D	USB Composite Device, class=0xEF, subclass=0x02,
USB Device vendor=0x8087, product=0x0020	Generic USB Hub, class=0x09, subclass=0x00,

Graphics

Number of adapters	1
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Graphic APIs

API	D3D
API	Intel I/O

Display Adapters

Display adapter 0	
ID	0x4000000
Name	Intel(R) HD Graphics
Board Manufacturer	Pegatron
PCI device	bus 0 (0x0), device 2 (0x2), function 0 (0x0)
Vendor ID	0x8086 (0x1B0A)
Model ID	0x0046 (0x2041)
Revision ID	0x18
Performance Level	0

Win32_VideoController	AdapterRAM = 0x6BA93800 (1806252032)
Win32_VideoController	DriverVersion = 8.15.10.2900
Win32_VideoController	DriverDate = 11/26/2012

Monitor 0	
Model	()
ID	CM015A7
Serial	

Manufacturing Date	Week 31, Year 2010
Size	15.7 inches
Max Resolution	1366 x 768 @ 59 Hz
Horizontal Freq. Range	0-0 kHz
Vertical Freq. Range	0-0 Hz
Max Pixel Clock	0 MHz
Gamma Factor	2.2

Software

Windows Version (Build 17763)	Microsoft Windows 10 (10.0) Professional 64-bit
DirectX Version	12.0

Register Spaces

Register space	PCI
Register space	PCI #2
Register space	PCI Express, base address = 0x0F8000000
Register space	SMBus, base address = 0x0E000