



CPU-Z

Binaries

CPU-Z version 1.54

Processors

Number of processors 1

Number of threads 2

APICs

Processor 0

-- Core 0

-- Thread 0 0

-- Core 1

-- Thread 0 1

Processors Information

Processor 1 ID = 0

Number of cores 2 (max 2)

Number of threads 2 (max 2)

Name Intel Core 2 Duo E6600

Codename Conroe

Specification Intel(R) Core(TM)2 CPU 6600 @ 2.40GHz

Package (platform ID) Socket 775 LGA (0x0)

CPUID 6.F.6

Extended CPUID	6.F
Core Stepping	B2
Technology	65 nm
Core Speed	1592.2 MHz
Multiplier x FSB	6.0 x 265.4 MHz
Rated Bus speed	1061.5 MHz
Stock frequency	2400 MHz
Instructions sets	MMX, SSE, SSE2, SSE3, SSSE3, EM64T, VT-x
L1 Data cache	2 x 32 KBytes, 8-way set associative, 64-byte line size
L1 Instruction cache	2 x 32 KBytes, 8-way set associative, 64-byte line size
L2 cache	4096 KBytes, 16-way set associative, 64-byte line size
FID/VID Control	yes
FID range	6.0x - 9.0x
Max VID	1.325 V

Thread dumps

CPU Thread 0

APIC ID	0
Topology	Processor ID 0, Core ID 0, Thread ID 0
Type	01008001h
Max CPUID level	0000000Ah
Max CPUID ext. level	80000008h
Cache descriptor	Level 1, D, 32 KB, 1 thread(s)
Cache descriptor	Level 1, I, 32 KB, 1 thread(s)
Cache descriptor	Level 2, U, 4 MB, 2 thread(s)

CUID

0x00000000	0x0000000A 0x756E6547 0x6C65746E 0x49656E69
0x00000001	0x000006F6 0x00020800 0x0000E3BD 0xBFEBFBFF
0x00000002	0x05B0B101 0x005657F0 0x00000000 0x2CB43049
0x00000003	0x00000000 0x00000000 0x00000000 0x00000000
0x00000004	0x04000121 0x01C0003F 0x0000003F 0x00000001
0x00000004	0x04000122 0x01C0003F 0x0000003F 0x00000001
0x00000004	0x04004143 0x03C0003F 0x00000FFF 0x00000001
0x00000005	0x00000040 0x00000040 0x00000003 0x00000020
0x00000006	0x00000001 0x00000002 0x00000001 0x00000000
0x00000007	0x00000000 0x00000000 0x00000000 0x00000000
0x00000008	0x00000400 0x00000000 0x00000000 0x00000000
0x00000009	0x00000000 0x00000000 0x00000000 0x00000000
0x0000000A	0x07280202 0x00000000 0x00000000 0x00000000
0x80000000	0x80000008 0x00000000 0x00000000 0x00000000
0x80000001	0x00000000 0x00000000 0x00000001 0x20000800
0x80000002	0x65746E49 0x2952286C 0x726F4320 0x4D542865
0x80000003	0x43203229 0x20205550 0x20202020 0x20202020
0x80000004	0x30303636 0x20402020 0x30342E32 0x007A4847
0x80000005	0x00000000 0x00000000 0x00000000 0x00000000
0x80000006	0x00000000 0x00000000 0x10008040 0x00000000
0x80000007	0x00000000 0x00000000 0x00000000 0x00000000
0x80000008	0x00003024 0x00000000 0x00000000 0x00000000

MSR 0x0000001B	0x00000000 0xFEE00900
MSR 0x00000017	0x00000000 0x88048928
MSR 0x000000CD	0x00000000 0x00000800
MSR 0x0000003F	0x00000000 0x000000EA

MSR 0x000000CE	0x001B0928 0x7F7F0718
MSR 0x0000001A0	0x00000044 0x62862088
MSR 0x000000EE	0xA8000000 0xC17D4300
MSR 0x00000011E	0x00000000 0xBE702109
MSR 0x00000019C	0x00000000 0x88410000
MSR 0x000000198	0x09280928 0x06000928
MSR 0x000000199	0x00000000 0x00000928

CPU Thread 1

APIC ID	1
Topology	Processor ID 0, Core ID 1, Thread ID 0
Type	01008001h
Max CPUID level	0000000Ah
Max CPUID ext. level	80000008h
Cache descriptor	Level 1, D, 32 KB, 1 thread(s)
Cache descriptor	Level 1, I, 32 KB, 1 thread(s)
Cache descriptor	Level 2, U, 4 MB, 2 thread(s)

CPUID

0x00000000	0x0000000A 0x756E6547 0x6C65746E 0x49656E69
0x00000001	0x000006F6 0x01020800 0x0000E3BD 0xBFEBFBFF
0x00000002	0x05B0B101 0x005657F0 0x00000000 0x2CB43049
0x00000003	0x00000000 0x00000000 0x00000000 0x00000000
0x00000004	0x04000121 0x01C0003F 0x0000003F 0x00000001
0x00000004	0x04000122 0x01C0003F 0x0000003F 0x00000001
0x00000004	0x04004143 0x03C0003F 0x000000FF 0x00000001
0x00000005	0x00000040 0x00000040 0x00000003 0x00000020
0x00000006	0x00000001 0x00000002 0x00000001 0x00000000

0x00000007	0x00000000 0x00000000 0x00000000 0x00000000
0x00000008	0x00000400 0x00000000 0x00000000 0x00000000
0x00000009	0x00000000 0x00000000 0x00000000 0x00000000
0x0000000A	0x07280202 0x00000000 0x00000000 0x00000000
0x80000000	0x80000008 0x00000000 0x00000000 0x00000000
0x80000001	0x00000000 0x00000000 0x00000001 0x20000800
0x80000002	0x65746E49 0x2952286C 0x726F4320 0x4D542865
0x80000003	0x43203229 0x20205550 0x20202020 0x20202020
0x80000004	0x30303636 0x20402020 0x30342E32 0x007A4847
0x80000005	0x00000000 0x00000000 0x00000000 0x00000000
0x80000006	0x00000000 0x00000000 0x10008040 0x00000000
0x80000007	0x00000000 0x00000000 0x00000000 0x00000000
0x80000008	0x00003024 0x00000000 0x00000000 0x00000000

MSR 0x0000001B	0x00000000 0xFEE00800
MSR 0x00000017	0x00000000 0x88048928
MSR 0x000000CD	0x00000000 0x00000800
MSR 0x0000003F	0x00000000 0x000000EA
MSR 0x000000CE	0x001B0928 0x7F7F0718
MSR 0x000001A0	0x00000044 0x62862088
MSR 0x000000EE	0xA8000000 0xC17D4300
MSR 0x0000011E	0x00000000 0xBE702109
MSR 0x0000019C	0x00000000 0x88400000
MSR 0x00000198	0x09280928 0x06000928
MSR 0x00000199	0x00000000 0x00000928

Chinset

Northbridge	NVIDIA nForce4 SLI Intel Edition rev. C1
Southbridge	NVIDIA nForce 570 SLI rev. A2
Graphic Interface	PCI-Express
PCI-E Link Width	x8
PCI-E Max Link Width	x16
Memory Type	DDR2
Memory Size	4096 MBytes
Channels	Dual
Memory Frequency	331.7 MHz (4:5)
CAS# latency (CL)	5.0
RAS# to CAS# delay (tRCD)	5
RAS# Precharge (tRP)	5
Cycle Time (tRAS)	15
Bank Cycle Time (tRC)	20

Memory SPD

DIMM #	1
SMBus address	0x50
Memory type	DDR2
Module format	Regular UDIMM
Manufacturer (ID)	Nanya Technology (7F7F7F0B00000000)
Size	1024 MBytes
Max bandwidth	PC2-5300 (333 MHz)
Part number	NT1GT64U8HB0BY-3C
Serial number	3EF33C10
Manufacturing date	Week 46/Year 06
Number of banks	2

Data width	64 bits
Correction	None
Nominal Voltage	1.80 Volts
EPP	no
XMP	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	3.0-3-3-9-12 @ 200 MHz
JEDEC #2	4.0-4-4-12-16 @ 266 MHz
JEDEC #3	5.0-5-5-15-20 @ 333 MHz
DIMM #	2
SMBus address	0x51
Memory type	DDR2
Module format	Regular UDIMM
Manufacturer (ID)	Nanya Technology (7F7F7F0B00000000)
Size	1024 MBytes
Max bandwidth	PC2-5300 (333 MHz)
Part number	NT1GT64U8HA1BY-3C
Serial number	DA4D0B81
Manufacturing date	Week 45/Year 06
Number of banks	2
Data width	64 bits
Correction	None
Nominal Voltage	1.80 Volts
EPP	no
XMP	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	3.0-3-3-9-12 @ 200 MHz
JEDEC #2	

JEDEC #3	4.0-4-4-12-16 @ 266 MHz 5.0-5-5-15-20 @ 333 MHz
DIMM #	3
SMBus address	0x52
Memory type	DDR2
Module format	Regular UDIMM
Manufacturer (ID)	Corsair (7F7F9E0000000000)
Size	1024 MBytes
Max bandwidth	PC2-5300 (333 MHz)
Part number	VS1GB667D2
Number of banks	2
Data width	64 bits
Correction	None
Nominal Voltage	1.80 Volts
EPP	no
XMP	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	3.0-3-3-9-12 @ 200 MHz
JEDEC #2	4.0-4-4-12-16 @ 266 MHz
JEDEC #3	5.0-5-5-15-20 @ 333 MHz
DIMM #	4
SMBus address	0x53
Memory type	DDR2
Module format	Regular UDIMM
Manufacturer (ID)	Corsair (7F7F9E0000000000)
Size	1024 MBytes
Max bandwidth	

Part number	PC2-5300 (333 MHz)
Number of banks	VS1GB667D2
Data width	2
Correction	64 bits
Nominal Voltage	None
EPP	1.80 Volts
XMP	no
JEDEC timings table	CL-tRCD-tRP-tRAS-tRC @ frequency
JEDEC #1	3.0-3-3-9-12 @ 200 MHz
JEDEC #2	4.0-4-4-12-16 @ 266 MHz
JEDEC #3	5.0-5-5-15-20 @ 333 MHz
DIMM #	1
SPD registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	80 08 08 0E 0A 61 40 00 05 30 45 00 82 08 00 00
10	0C 04 38 01 02 00 07 3D 50 50 60 3C 1E 3C 2D 80
20	20 27 10 17 3C 1E 1E 00 00 3C 69 80 18 22 00 53
30	7A 53 3A 37 27 4D 2A 4C 26 28 00 00 00 00 12 3F
40	7F 7F 7F 0B 00 00 00 00 1B 4E 54 31 47 54 36 34
50	55 38 48 42 30 42 59 2D 33 43 20 20 00 06 46 3E
60	F3 3C 10 88 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 4D 32 30 36 42 31 34 30 32
90	43 00 00 00 00 00 00 00 41 32 34 30 32 38 00 00 00
A0	00 31 00 00 00 00 04 65 01 4E 54 44 32 00 34 2D
B0	31 33 00 00 00 00 00 00 00 00 00 00 00 00 00 00

C0	00 80 00 00 00 88 00 00 00 00 00 00 00 00 00 00
D0	80 00 00 00 88 00 00 00 00 00 00 00 00 00 00 80
E0	00 00 00 88 88 01 00 00 00 01 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 88

DIMM # 2

SPD registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	80 08 08 0E 0A 61 40 00 05 30 45 00 82 08 00 00
10	0C 04 38 01 02 00 03 3D 50 50 60 3C 1E 3C 2D 80
20	20 27 10 17 3C 1E 1E 00 00 3C 69 80 18 22 00 52
30	7A 53 3A 27 27 2C 1C 4C 25 28 00 00 00 00 12 FA
40	7F 7F 7F 0B 00 00 00 00 0D 4E 54 31 47 54 36 34
50	55 38 48 41 31 42 59 2D 33 43 20 20 00 06 45 DA
60	4D 0B 81 88 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 4D 4D 30 36 42 30 33 30 51
90	43 00 00 00 00 00 00 00 44 4E 54 36 34 34 35 31 36
A0	34 00 00 00 00 00 00 00 A6 01 4E 54 44 32 00 34 2D
B0	31 33 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 80 00 00 00 88 00 00 00 00 00 00 00 00 00 00
D0	80 00 00 00 88 00 00 00 00 00 00 00 00 00 00 80
E0	00 00 00 88 88 01 00 00 00 01 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 88

DIMM # 3

SPD registers

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

00	80 08 08 0E 0A 61 40 00 05 30 45 00 82 08 00 00
10	0C 04 38 03 02 00 03 3D 50 50 60 3C 1E 3C 2D 80
20	20 27 10 17 3C 1E 1E 00 06 3C 7F 80 18 22 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 12 90
40	7F 7F 9E 00 00 00 00 00 01 56 53 31 47 42 36 36
50	37 44 32 20 20 20 20 20 20 20 20 20 20 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

DIMM #

4

SPD registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	80 08 08 0E 0A 61 40 00 05 30 45 00 82 08 00 00
10	0C 04 38 03 02 00 03 3D 50 50 60 3C 1E 3C 2D 80
20	20 27 10 17 3C 1E 1E 00 06 3C 7F 80 18 22 00 00
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 12 90
40	7F 7F 9E 00 00 00 00 00 01 56 53 31 47 42 36 36
50	37 44 32 20 20 20 20 20 20 20 20 20 20 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

Monitoring

Mainboard Model 0UY253 (0x00000178 - 0x005C5060)

LPCIO

LPCIO Vendor SMSC
LPCIO Vendor ID 0x55
LPCIO Chip ID 0x83
Config Mode I/O address 0x2E
Config Mode LDN 0xA
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 0A 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	83 0F 09 00 04 00 2E 00 00 01 00 00 10 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	08 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
Register space	LPC, base address = 0x0800

Hardware Monitors

Hardware monitor	Intel Core 2 Duo E6600
Temperature 0	20°C (68°F) [0x41] (Core #0)
Temperature 1	21°C (69°F) [0x40] (Core #1)
Hardware monitor	NVIDIA GeForce 7950 GX2
Temperature 0	71°C (159°F) (GPU Core)
Hardware monitor	NVIDIA GeForce 7950 GX2
Temperature 0	77°C (170°F) (GPU Core)
Hardware monitor	NVIDIA GeForce 7950 GX2
Temperature 0	65°C (149°F) (GPU Core)
Hardware monitor	NVIDIA GeForce 7950 GX2
Temperature 0	72°C (161°F) (GPU Core)

PCI Devices

Description	Host Bridge
Location	bus 0 (0x00), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0071

Revision ID	0xC1
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	HyperTransport
Caps offset	0x40
Caps revision	0.16
Interface type	Host/Secondary
Device number	0
Link 0 width (in/out)	8 bits/8 bits
Link 0 frequency	800 MHz
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 71 00 06 00 B0 00 C1 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 40 00 00 00 00 00 00 00 00 00 00 00
40	08 00 01 20 22 10 00 00 10 05 3F 00 03 01 00 00
50	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

60	21 49 44 44 13 01 00 00 00 00 00 00 10 00 00 00
70	07 05 2E 00 00 00 00 00 81 01 05 00 00 00 00 00
80	00 00 00 00 00 00 00 00 0E 10 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	CB 10 00 02 F0 FF 00 00 00 00 00 00 FF FF FF FF
C0	11 11 01 00 11 00 01 00 09 00 00 00 00 50 07 00
D0	00 00 00 00 00 00 00 00 FF 3F 71 07 00 00 00 00
E0	08 00 01 A8 00 00 E0 FE 00 00 00 00 00 00 00 00
F0	00 00 FE FF 00 00 00 00 00 00 00 00 00 00 00 00

Description	RAM Memory Controller
Location	bus 0 (0x00), device 0 (0x00), function 1 (0x01)
Common header	
Vendor ID	0x10DE
Model ID	0x007F
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
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	DE	10	7F	00	00	00	20	00	A1	00	00	05	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	60	51	32	04	00	00	00	00	00	00
50	00	00	10	00	22	22	16	00	11	11	00	00	08	00	00	00
60	21	24	15	04	DE	8F	E1	1F	18	06	61	20	02	3F	00	20
70	10	32	54	0A	10	00	00	00	20	00	00	00	10	00	81	01
80	00	35	0C	00	00	00	00	00	00	00	50	3F	A4	1C	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	03	00	00	01	58	00	00	80	F9	FD	00
E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
F0	00	00	00	00	C7	12	28	00	00	00	00	00	00	00	00	00

Description

RAM Memory Controller

Location

bus 0 (0x00), device 0 (0x00), function 2 (0x02)

Common header

Vendor ID	0x10DE
Model ID	0x0075
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05

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	DE 10 75 00 00 00 20 00 A1 00 00 05 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 41 F4 32 C9 00 00 00 00 41 F4 32 09
50	00 00 00 00 41 D0 0B BE 01 00 00 00 3C E0 0A BE
60	54 A1 03 DC FF FF 00 00 11 00 06 00 FF FF 00 00
70	11 00 0C 00 54 A1 03 80 03 2C 1C 80 03 2C 1C 00
80	00 00 00 80 0D 00 00 00 77 77 00 00 00 00 00 00
90	01 00 00 00 7E 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 81 00 00 00 00 00 00 00 21 54 76 08
C0	FF FF FF FF FF BF FF EF 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 04 84 00 13 0A 00 00 00 04 E7 78 64 02 13 00
F0	1B 1B 1B 1B 00 FF 01 00 76 07 02 04 01 00 00 00
Description	RAM Memory Controller

Location	bus 0 (0x00), device 0 (0x00), function 3 (0x03)
Common header	
Vendor ID	0x10DE
Model ID	0x006F
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
Cache Line	0x00
Latency	0x00
Header	0x00
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	DE 10 6F 00 00 00 A0 00 A1 00 00 05 00 00 00 00
10	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
30	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
50	00 00 00 00 00 00 00 00 00 00 00 00 02 10 1C A0
60	02 0C 1C 90 02 10 1C 90 02 0A 1C 80 02 0C 1C 80
70	02 10 1C 80 02 14 1C 80 02 18 1C 80 02 1C 1C 80
80	01 10 1C 80 3F 04 D1 C1 00 00 00 00 3F 10 04 C9
90	01 00 00 00 43 50 04 C9 C4 80 03 00 02 1F 1C 80

A0	11 00 00 00 00 00 00 00 00 00 00 00 00 00 04 00 00
B0	02 10 1C 80 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	1C 00 E0 45 30 00 00 00 92 24 49 12 92 24 49 12
D0	01 13 FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00
E0	31 F9 00 08 00 00 00 00 12 00 00 00 43 06 00 00
F0	7C 78 7C 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description

RAM Memory Controller

Location

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

Common header

Vendor ID	0x10DE
Model ID	0x00B4
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
Cache Line	0x00
Latency	0x00
Header	0x00

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	DE 10 B4 00 06 01 A0 00 A1 00 00 05 00 00 00 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	13 00 21 01 00 00 00 00 00 00 00 00 00 00 00 00
50	00 00 00 00 00 A5 A5 9A 9A 00 00 00 00 00 00 00
60	96 AA 33 33 73 47 44 44 44 34 03 10 CC CC CC 0C
70	00 00 00 00 8B CA AB 9A 00 00 00 00 04 00 00 00
80	4A B3 77 57 FF 0A 00 00 00 45 12 01 04 22 22 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	RAM Memory Controller
Location	bus 0 (0x00), device 1 (0x01), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0076
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
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	DE 10 76 00 00 00 20 00 A1 00 00 05 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 4F 04 00 00 FF 7F 77 00 FF 7F 77 00
50	08 F8 F0 20 31 00 20 00 0C 0C 0C 7E 02 2B 7F 00
60	21 21 11 42 00 00 00 00 00 00 00 00 00 00 00 00
70	47 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
80	F3 93 33 E3 00 00 00 00 00 00 00 00 14 2B 0F 55
90	35 B9 23 30 60 A4 94 45 0D 2E 22 76 03 05 33 0E
A0	20 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B0	00 80 00 80 00 80 00 80 00 80 00 80 00 80 00 80
C0	00 00 27 05 31 26 24 00 00 00 00 00 54 0C 00 00
D0	00 00 00 00 11 00 00 00 00 00 00 00 00 00 00 00
E0	03 00 00 00 11 01 07 00 00 00 00 00 F1 00 98 F0
F0	10 18 DE 08 20 10 04 00 00 00 00 00 A1 03 0D 07
Description	RAM Memory Controller
Location	bus 0 (0x00), device 1 (0x01), function 1 (0x01)
Common header	
Vendor ID	0x10DE
Model ID	0x0078

Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
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	DE 10 78 00 00 00 20 00 A1 00 00 05 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	FF 7F 07 00 00 00 00 00 00 00 00 00 97 AA 00 80
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
70	01 08 A0 AE 01 08 A0 AE 01 08 A0 AE 01 08 A0 AE
80	03 10 00 00 13 20 1F 00 10 30 20 00 20 10 0F 00
90	13 00 10 00 1F 20 10 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 16 05 82 81 00 30 00 00 01 01 00 00
D0	5A 08 00 01 44 00 10 00 00 00 20 00 00 00 30 00

E0	00 00 00 00 00 00 00 00 00 00 00 00 00 FF 20 FF 20
F0	FF 20 FF 7F 00 00 00 00 00 00 00 00 00 00 00 00 00
Description	RAM Memory Controller
Location	bus 0 (0x00), device 1 (0x01), function 2 (0x02)
Common header	
Vendor ID	0x10DE
Model ID	0x0079
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
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	DE 10 79 00 00 00 20 00 A1 00 00 05 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	F3 08 D0 32 00 00 00 00 64 19 50 84 30 02 00 04
50	54 55 82 00 00 00 48 0A 00 00 00 00 00 00 00 00

60	01 01 01 01 06 00 B1 3C 0A 22 77 57 50 50 F2 F2
70	95 13 00 00 25 F2 CE FB E1 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	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 00 00 00 00 00 00 00 00

Description	RAM Memory Controller
Location	bus 0 (0x00), device 1 (0x01), function 3 (0x03)
Common header	
Vendor ID	0x10DE
Model ID	0x007A
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
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	DE 10 7A 00 00 00 20 00 A1 00 00 05 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	4D 4B 47 4B 55 4F 4D 4B 1F 13 11 13 1D 16 16 12
50	00 00 00 00 A5 94 52 0A A5 94 52 0A A5 94 02 00
60	31 51 FF 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 11 00 00 00 22 22 22 22
90	22 22 22 22 00 00 00 00 00 00 00 00 99 99 99 99
A0	11 11 11 11 50 45 04 09 00 90 A9 9B 00 88 A9 B9
B0	00 00 00 00 00 00 00 00 FF FF 00 00 44 09 0A 01
C0	40 09 0A 01 3F 11 0A 01 40 11 0A 01 3F 11 0A 01
D0	40 11 0A 01 3F 11 0A 01 40 11 0A 01 46 11 0A 01
E0	47 11 0A 01 40 11 0A 01 40 11 0A 01 42 11 0A 01
F0	44 11 0A 01 3D 11 0A 01 40 11 0A 01 00 00 00 00

Description

RAM Memory Controller

Location

bus 0 (0x00), device 1 (0x01), function 4 (0x04)

Common header

Vendor ID	0x10DE
Model ID	0x007B
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05

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	DE 10 7B 00 00 00 20 00 A1 00 00 05 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	FC 1F 00 00 FF FF 00 00 98 3A 30 88 80 01 00 02
50	00 00 00 00 1F 1F 1F 00 0F 0F 0F 0F 0F 0F 0F 0F
60	0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F
70	0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F
80	0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F
90	0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F
A0	0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F 0F
B0	0B 08 0E 00 32 26 63 00 6B A8 6B A8 44 04 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	RAM Memory Controller

Location	bus 0 (0x00), device 1 (0x01), function 5 (0x05)
Common header	
Vendor ID	0x10DE
Model ID	0x007C
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
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	DE 10 7C 00 00 00 20 00 A1 00 00 05 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	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 FF DF FF EF 00 00 00 00 FF DF FF EF
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	F9 05 F9 05 00 00 00 00 00 00 00 00 01 00 01 00
Description	RAM Memory Controller
Location	bus 0 (0x00), device 1 (0x01), function 6 (0x06)
Common header	
Vendor ID	0x10DE
Model ID	0x007D
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
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	DE 10 7D 00 00 00 20 00 A1 00 00 05 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	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 PCI Bridge
Location	bus 0 (0x00), device 2 (0x02), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x007E
Revision ID	0xA2
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	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x48
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Root Port of PCI-E Root Complex
Port	0
Version	1.0
Physical slot	#0
Presence detect	yes
Link width	16x (max 16x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 7E 00 07 05 10 00 A2 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 00 01 04 00 C1 D1 00 20
20	00 D8 F0 DE 01 80 F1 9F 00 00 00 00 00 00 00 00

30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 1A 00
40	01 48 02 F8 00 00 00 00 05 80 93 00 0C 30 E0 FE
50	00 00 00 00 B2 49 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	10 00 41 01 C0 04 00 00 10 28 00 00 01 25 01 00
90	40 00 01 11 00 4B 20 00 00 00 48 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
100	02 00 01 00 11 00 00 00 01 00 00 00 02 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
120	00 00 00 01 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	bus 0 (0x00), device 4 (0x04), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x007E
Revision ID	0xA2
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10

Latency	0x00
Header	0x01
PCI header	
Primary bus	0x00
Secondary bus	0x05
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x48
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Root Port of PCI-E Root Complex
Port	1
Version	1.0
Physical slot	#0
Presence detect	no
Link width	8x (max 1x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F

00	DE 10 7E 00 04 05 10 00 A2 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 00 05 05 00 F1 01 00 00
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 00 00 02 00
40	01 48 02 F8 00 00 00 00 05 80 93 00 0C 30 E0 FE
50	00 00 00 00 82 49 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	10 00 41 01 C0 04 00 00 10 28 00 00 11 44 01 01
90	00 00 81 10 80 0C 08 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
100	02 00 01 00 11 00 00 00 01 00 00 00 02 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
120	00 00 00 01 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	bus 0 (0x00), device 5 (0x05), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x007E
Revision ID	0xA2
PI	0x00

SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	
Primary bus	0x00
Secondary bus	0x06
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x48
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Root Port of PCI-E Root Complex
Port	2
Version	1.0
Physical slot	#0
Presence detect	yes
Link width	1x (max 1x)
Extended capabilities	
Caps class	Virtual Channel

Caps offset	0x100
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 7E 00 06 05 10 00 A2 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 00 06 06 00 F1 01 00 00
20	00 D7 F0 D7 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 00 00 02 00
40	01 48 02 F8 00 01 00 00 05 80 93 00 0C 30 E0 FE
50	00 00 00 00 92 49 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	10 00 41 01 C0 04 00 00 10 28 00 00 11 24 01 02
90	40 00 11 10 80 0C 00 00 00 00 48 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
100	02 00 01 00 11 00 00 00 01 00 00 00 02 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
120	00 00 00 01 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	RAM Memory Controller
Location	bus 0 (0x00), device 9 (0x09), function 0 (0x00)
Common header	
Vendor ID	0x10DE

Model ID	0x0369
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x05
Cache Line	0x00
Latency	0x00
Header	0x00
PCI header	
Subvendor ID	0x1028
Subsystem ID	0x0000
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	HyperTransport
Caps offset	0x44
Caps revision	1.03
Interface type	Slave/Primary
Link 0 width (in/out)	8 bits/8 bits
Link 0 frequency	800 MHz
Link 1 width (in/out)	8 bits/8 bits
Link 1 frequency	200 MHz
PCI capability	
Caps class	0x0
Caps offset	0xE0
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 69 03 06 01 B0 00 A1 00 00 05 00 00 00 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 28 10 00 00
30	00 00 00 00 44 00 00 00 00 00 00 00 00 00 00 00
40	28 10 00 00 08 E0 E9 01 22 30 11 00 D0 00 00 00
50	23 05 7F 00 03 00 00 00 00 00 00 03 00 00 00 00
60	00 00 00 00 00 00 00 00 00 00 00 00 00 06 06 0A 00
70	44 44 44 00 50 09 00 00 11 00 00 00 11 11 88 00
80	23 99 88 00 FA 00 64 0E 02 00 00 00 7F 00 00 00
90	70 00 00 80 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 01 01 01 01 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 00 00 00 00 00 80 00 0F 0F
D0	00 00 00 00 00 00 00 00 00 00 00 00 00 08 00 00 A8
E0	00 00 E0 FE 00 00 00 00 00 00 80 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 10 (0x0A), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0360
Revision ID	0xA2
PI	0x00
SubClass	0x01
BaseClass	0x06
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Address 2 (port)	0x00004F00
Subvendor ID	0x1028
Subsystem ID	0x0207
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	DE 10 60 03 0F 00 A0 00 A2 00 01 06 00 00 80 00
10	00 00 00 00 00 00 00 00 01 4F 00 00 00 00 00
20	00 00 00 00 00 00 00 00 00 00 00 00 28 10 07 02
30	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40	28 10 07 02 00 00 D0 FE FA 3E FF 00 FA 3E FF 00
50	FA 3E FF 00 00 5A 62 02 00 00 00 01 00 00 FF FF
60	00 00 00 00 00 00 00 00 00 00 00 00 01 F9 FF
70	10 00 FF FF CD 00 00 00 00 20 00 19 03 06 43 00
80	09 80 00 21 0D 00 00 80 F0 00 00 01 F0 00 00 00
90	00 08 00 00 00 00 00 00 21 47 95 86 EF CD AB 00
A0	01 00 10 10 00 00 01 00 00 08 FF 08 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 00 00 00 00 00 00 00 64 00 00 FC FD E1 00 30
E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0	00 00 00 00 00 00 00 00 10 00 00 00 00 00 00

Description

SMBus Controller

Location

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

Common header

Vendor ID	0x10DE
Model ID	0x0368
Revision ID	0xA2
PI	0x00
SubClass	0x05
BaseClass	0x0C
Cache Line	0x00
Latency	0x00
Header	0x80
PCI header	
Address 0 (port)	0x00004C00
Address 4 (port)	0x00005000
Address 5 (port)	0x00005100
Subvendor ID	0x1028
Subsystem ID	0x0207
Int. Line	0x09
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x44
Caps version	1.1
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 68 03 01 00 B0 00 A2 00 05 0C 00 00 80 00
10	01 4C 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	01 50 00 00 01 51 00 00 00 00 00 00 28 10 07 02
30	00 00 00 00 44 00 00 00 00 00 00 00 09 01 00 00
40	28 10 07 02 01 00 02 C0 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	01 40 00 00 01 44 00 00 01 48 00 00 00 00 00 00
70	01 00 00 00 00 00 00 00 00 00 00 00 01 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	D4 30 80 00 01 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	34 10 04 00 E5 19 00 47 80 3E 08 20 46 44 44 11
F0	5A FF 5F 3F 00 00 00 C0 10 00 00 00 00 00 00 00

Description	USB Controller (OHCI)
Location	bus 0 (0x00), device 11 (0x0B), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x036C
Revision ID	0xA1
PI	0x10
SubClass	0x03
BaseClass	0x0C
Cache Line	0x00
Latency	0x00
Header	0x80
PCI header	
Address 0 (memory)	0xDFFFC000
Subvendor ID	0x1028
Subsystem ID	0x0207

Int. Line	0x15
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x44
Caps version	1.1
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 6C 03 06 00 B0 00 A1 10 03 0C 00 00 80 00
10	00 C0 FF DF 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 28 10 07 02
30	00 00 00 00 44 00 00 00 00 00 00 00 00 15 01 03 01
40	28 10 07 02 01 00 02 FE 00 00 00 00 00 00 00 00 00
50	06 00 00 00 1D 47 40 00 10 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 10 00 00 00 00 00 00 00
Description	USB 2.0 Controller (EHCI)
Location	bus 0 (0x00), device 11 (0x0B), function 1 (0x01)
Common header	

Vendor ID	0x10DE
Model ID	0x036D
Revision ID	0xA2
PI	0x20
SubClass	0x03
BaseClass	0x0C
Cache Line	0x00
Latency	0x00
Header	0x80
PCI header	
Address 0 (memory)	0xDFFFBF00
Subvendor ID	0x1028
Subsystem ID	0x0207
Int. Line	0x14
Int. Pin	0x02
PCI capability	
Caps class	Debug Port
Caps offset	0x44
PCI capability	
Caps class	Power Management
Caps offset	0x80
Caps version	1.1
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 6D 03 06 00 B0 00 A2 20 03 0C 00 00 80 00
10	00 BF FF DF 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 28 10 07 02
30	00 00 00 00 44 00 00 00 00 00 00 00 00 14 02 03 01

40	28 10 07 02 0A 80 98 20 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	20 20 01 00 00 60 18 85 03 3C 3F 01 00 00 00 00
70	00 00 08 00 00 10 20 80 89 3D B6 22 75 25 44 00
80	01 00 02 FE 00 00 00 00 00 00 00 00 00 15 16 00 00
90	00 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A0	01 00 00 01 00 00 00 C0 00 00 00 00 00 00 00 00
B0	00 11 22 33 44 00 00 00 FF 03 00 00 00 00 00 00
C0	10 10 2D 0D 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 10 00 00 00 00 00 00

Description	IDE Controller
Location	bus 0 (0x00), device 13 (0x0D), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x036E
Revision ID	0xA1
PI	0x8A
SubClass	0x01
BaseClass	0x01
Cache Line	0x00
Latency	0x00
Header	0x00
PCI header	
Address 4 (port)	0x0000ECF0
Subvendor ID	0x1028

Subsystem ID	0x0207
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x44
Caps version	1.1
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 6E 03 05 00 B0 00 A1 8A 01 01 00 00 00 00
10	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
20	F1 EC 00 00 00 00 00 00 00 00 00 00 28 10 07 02
30	00 00 00 00 44 00 00 00 00 00 00 00 00 00 03 01
40	28 10 07 02 01 00 02 00 00 00 00 00 00 00 00 00
50	02 C0 00 00 00 00 00 00 A8 A8 A8 A8 FF 00 FF FF
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 01 01
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 10 00 00 00 00 00 00 00
Description	RAID Controller
Location	bus 0 (0x00), device 14 (0x0E), function 0 (0x00)

Common header

Vendor ID	0x10DE
Model ID	0x037F
Revision ID	0xA2
PI	0x85
SubClass	0x04
BaseClass	0x01
Cache Line	0x00
Latency	0x00
Header	0x80

PCI header

Address 0 (port)	0x0000FE00
Address 1 (port)	0x0000FE10
Address 2 (port)	0x0000FE20
Address 3 (port)	0x0000FE30
Address 4 (port)	0x0000FEC0
Address 5 (memory)	0xDFFFD000
Subvendor ID	0x1028
Subsystem ID	0x0207
Int. Line	0x16
Int. Pin	0x01

PCI capability

Caps class	Power Management
Caps offset	0x44
Caps version	1.1

PCI capability

Caps class	Message Signalled Interrupts
Caps offset	0xB0

PCI capability

Caps class

Caps offset

Interface type

HyperTransport

0xCC

MSI Mapping

PCI registers

000102030405060708090A0B0C0D0E0F

DE107F030700B000A285040100008000

01FE000011FE000021FE000031FE0000

C1FE000000D0FFDF0000000028100702

00000000440000000000000016010301

2810070201B0020000000000000000

0F680880000000000020002044002020

00C600C6410C0000000F064200000000

2C78C440011000000110000020002000

000000C0000040030000CCA80040AF08

000014B900000000060006107F030401

120A0019830000000000000033310002

05CC84000000000000000000000000

000000000000000A000A00080002A8

0A0002034200000000000000000050E0

0A0002034200000000000000F7EEE2E7

0000000000000010000C0000000000

Description

Location

Common header

Vendor ID

Model ID

RAID Controller

bus 0 (0x00), device 14 (0x0E), function 1 (0x01)

0x10DE

0x037F

Revision ID	0xA3
PI	0x85
SubClass	0x04
BaseClass	0x01
Cache Line	0x00
Latency	0x00
Header	0x80
PCI header	
Address 0 (port)	0x0000FE40
Address 1 (port)	0x0000FE50
Address 2 (port)	0x0000FE60
Address 3 (port)	0x0000FE70
Address 4 (port)	0x0000FED0
Address 5 (memory)	0xDFFFE000
Subvendor ID	0x1028
Subsystem ID	0x0207
Int. Line	0x17
Int. Pin	0x02
PCI capability	
Caps class	Power Management
Caps offset	0x44
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xB0
PCI capability	
Caps class	HyperTransport
Caps offset	0xCC

Interface type	MSI Mapping
PCI registers	
00	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F DE 10 7F 03 07 00 B0 00 A3 85 04 01 00 00 80 00
10	41 FE 00 00 51 FE 00 00 61 FE 00 00 71 FE 00 00
20	D1 FE 00 00 00 E0 FF DF 00 00 00 00 28 10 07 02
30	00 00 00 00 44 00 00 00 00 00 00 00 17 02 03 01
40	28 10 07 02 01 B0 02 00 00 00 00 00 00 00 00 00
50	2F 68 08 80 00 00 00 00 00 00 00 20 40 00 00 20
60	00 00 00 C6 41 0C 00 00 00 0F 06 42 00 00 00 00
70	2C 78 C4 40 01 10 00 00 01 10 00 00 20 00 20 00
80	00 00 00 40 00 50 A6 34 00 00 DC B8 EB FF FD FF
90	00 00 67 3D 00 00 00 00 06 00 06 10 7F 03 04 01
A0	12 0A 00 1A 80 00 00 00 00 00 00 00 33 31 00 02
B0	05 CC 84 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 0A 00 0A 00 08 00 02 A8
D0	0A 00 02 03 42 00 00 00 00 00 00 00 0F 00 00 E0
E0	0A 00 02 03 42 00 00 00 00 00 00 00 90 03 85 00
F0	00 00 00 00 00 00 00 00 10 00 0C 00 00 00 00 00

Description	RAID Controller
Location	bus 0 (0x00), device 14 (0x0E), function 2 (0x02)
Common header	
Vendor ID	0x10DE
Model ID	0x037F
Revision ID	0xA4
PI	0x85
SubClass	0x04

BaseClass	0x01
Cache Line	0x00
Latency	0x00
Header	0x80
PCI header	
Address 0 (port)	0x0000FE80
Address 1 (port)	0x0000FE90
Address 2 (port)	0x0000FEA0
Address 3 (port)	0x0000FEB0
Address 4 (port)	0x0000FEF0
Address 5 (memory)	0xDFFFF000
Subvendor ID	0x1028
Subsystem ID	0x0207
Int. Line	0x14
Int. Pin	0x03
PCI capability	
Caps class	Power Management
Caps offset	0x44
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0xB0
PCI capability	
Caps class	HyperTransport
Caps offset	0xCC
Interface type	MSI Mapping
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F

00	DE 10 7F 03 07 00 B0 00 A4 85 04 01 00 00 80 00
10	81 FE 00 00 91 FE 00 00 A1 FE 00 00 B1 FE 00 00
20	F1 FE 00 00 00 F0 FF DF 00 00 00 00 28 10 07 02
30	00 00 00 00 44 00 00 00 00 00 00 00 14 03 03 01
40	28 10 07 02 01 B0 02 00 00 00 00 00 00 00 00 00
50	2F 68 08 80 00 00 00 00 00 20 00 20 44 00 20 20
60	00 00 00 C6 41 0C 00 00 00 0F 06 42 00 00 00 00
70	2C 78 C4 40 01 10 00 00 01 10 00 00 20 00 20 00
80	00 00 00 C0 00 10 6B 3C 00 00 B4 B8 FF FF FE 7F
90	00 00 C9 14 00 00 00 00 06 00 06 10 7F 03 04 01
A0	12 0A 00 18 80 00 00 00 00 00 00 00 33 31 00 02
B0	05 CC 84 00 00 00 00 00 00 00 00 00 00 00 00 00
C0	00 00 00 00 00 00 00 00 0A 00 0A 00 08 00 02 A8
D0	0A 00 02 03 42 00 00 00 00 00 00 00 00 00 F0 87
E0	0A 00 02 03 42 00 00 00 00 00 00 00 0F 00 F0 87
F0	00 00 00 00 00 00 00 00 10 00 0C 00 00 00 00 00

Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 15 (0x0F), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0370
Revision ID	0xA2
PI	0x01
SubClass	0x04
BaseClass	0x06
Cache Line	0x00
Latency	0x00

Header	0x81
PCI header	
Primary bus	0x00
Secondary bus	0x07
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0xB8
SubVendor ID	0x10DE
SubSystem ID	0xCB84
PCI capability	
Caps class	HyperTransport
Caps offset	0x8C
Interface type	MSI Mapping
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 70 03 07 05 B0 00 A2 01 04 06 00 00 81 00
10	00 00 00 00 00 00 00 00 00 07 07 40 B0 B0 80 02
20	00 D0 F0 D6 F0 FF 00 00 00 00 00 00 00 00 00 00
30	00 00 00 00 B8 00 00 00 00 00 00 00 00 00 02 00
40	00 00 33 07 01 00 02 00 05 00 00 00 00 00 4C 00
50	00 00 FE 7F 00 00 00 00 FF 1F FF 1F 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 FE 7F 00 00 00 00
80	00 00 00 00 00 00 00 00 00 00 00 00 00 08 00 00 A8
90	00 00 E0 FE 00 00 00 00 00 00 00 00 00 00 00 00
A0	06 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

B0	00 00 00 00 FF FF 00 00 0D 8C 00 00 DE 10 84 CB
C0	DE 10 84 CB 03 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 PCI Bridge
Location	bus 0 (0x00), device 19 (0x13), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0376
Revision ID	0xA2
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	
Primary bus	0x00
Secondary bus	0x08
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0x40
SubVendor ID	0x10DE
SubSystem ID	0x0000

PCI capability	
Caps class	Power Management
Caps offset	0x48
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	HyperTransport
Caps offset	0x60
Interface type	MSI Mapping
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Root Port of PCI-E Root Complex
Port	5
Version	1.0
Physical slot	#0
Presence detect	no
Link width	8x (max 8x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 76 03 04 05 10 00 A2 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 00 00 08 08 00 F1 01 00 00
20	F0 FF 00 00 F1 FF 01 00 00 00 00 00 00 00 00 00 00

30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 02 00
40	0D 48 00 00 DE 10 00 00 01 50 02 F8 00 00 00 00 00
50	05 60 93 00 0C 30 E0 FE 00 00 00 00 72 49 00 00
60	08 80 00 A8 00 00 E0 FE 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	10 00 41 01 C1 84 00 00 10 28 00 00 81 3C 11 05
90	00 00 81 10 80 0C 38 00 C0 01 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
100	02 00 01 00 00 00 00 00 00 00 00 00 02 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
120	00 00 00 01 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	bus 0 (0x00), device 24 (0x18), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0377
Revision ID	0xA2
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10

Latency	0x00
Header	0x01
PCI header	
Primary bus	0x00
Secondary bus	0x09
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Subsystem Vendor
Caps offset	0x40
SubVendor ID	0x10DE
SubSystem ID	0x0000
PCI capability	
Caps class	Power Management
Caps offset	0x48
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI capability	
Caps class	HyperTransport
Caps offset	0x60
Interface type	MSI Mapping
PCI capability	
Caps class	PCI Express
Caps offset	0x80
Device type	Root Port of PCI-E Root Complex
Port	0

Version	1.0
Physical slot	#0
Presence detect	yes
Link width	16x (max 16x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 77 03 07 05 10 00 A2 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 00 00 09 0C 00 91 A1 00 20
20	00 C9 F0 CF 01 A0 F1 BF 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 02 00
40	0D 48 00 00 DE 10 00 00 01 50 02 F8 00 00 00 00
50	05 60 93 00 0C 30 E0 FE 00 00 00 00 A2 49 00 00
60	08 80 00 A8 00 00 E0 FE 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	10 00 41 01 C1 84 00 00 10 28 01 00 01 3D 11 00
90	40 00 01 31 00 4B 10 00 C0 01 48 01 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
100	02 00 01 00 00 00 00 00 00 00 00 00 02 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
120	00 00 00 01 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	bus 1 (0x01), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x01B3
Revision ID	0xA3
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	
Address 0 (memory)	0xDEFFC000
Primary bus	0x01
Secondary bus	0x02
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	PCI Express
Caps offset	0x60
Device type	Upstream Port of PCI-E Switch

Port	0
Version	1.0
Link width	16x (max 16x)
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 B3 01 07 04 10 00 A3 00 04 06 10 00 01 00
10	00 C0 FF DE 00 00 00 00 01 02 04 00 C1 D1 00 00
20	00 D8 F0 DD 01 80 F1 9F 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 1A 00
40	01 60 02 C8 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	10 00 51 00 E0 04 00 00 06 00 0A 00 01 25 01 00
70	40 00 01 11 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
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	PCI to PCI Bridge
Location	bus 2 (0x02), device 0 (0x00), function 0 (0x00)

Common header

Vendor ID	0x10DE
Model ID	0x01B3
Revision ID	0xA3
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01

PCI header

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

PCI capability

Caps class	Power Management
Caps offset	0x40
Caps version	1.1

PCI capability

Caps class	PCI Express
Caps offset	0x60
Device type	Downstream Port of PCI-E Switch
Port	0
Version	1.0
Physical slot	Integrated device
Link width	8x (max 16x)

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 B3 01 07 04 10 00 A3 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 02 03 03 00 D1 D1 00 00
20	00 DB F0 DD 01 80 F1 8F 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 02 00
40	01 60 02 C8 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	10 00 61 00 E0 04 00 00 06 00 0A 00 01 25 01 00
70	40 00 81 10 00 00 00 00 00 00 40 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
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	PCI to PCI Bridge
Location	bus 2 (0x02), device 1 (0x01), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x01B3
Revision ID	0xA3

PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	
Primary bus	0x02
Secondary bus	0x04
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	PCI Express
Caps offset	0x60
Device type	Downstream Port of PCI-E Switch
Port	1
Version	1.0
Physical slot	Integrated device
Link width	8x (max 16x)
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 B3 01 07 04 10 00 A3 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 02 04 04 00 C1 C1 00 00
20	00 D8 F0 DA 01 90 F1 9F 00 00 00 00 00 00 00 00

30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 1A 00
40	01 60 02 C8 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	10 00 61 00 E0 04 00 00 06 00 00 00 01 25 01 01
70	40 00 81 10 00 00 00 00 00 00 00 40 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
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	3D Controller
Location	bus 3 (0x03), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0294
Revision ID	0xA1
PI	0x00
SubClass	0x02
BaseClass	0x03
Cache Line	0x10

Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xDC000000
Address 1 (memory)	0x80000000
Address 3 (memory)	0xDD000000
Address 5 (port)	0x0000DC80
Subvendor ID	0x10DE
Subsystem ID	0x035B
Int. Line	0x10
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x60
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x68
PCI capability	
Caps class	PCI Express
Caps offset	0x78
Device type	PCI-E Endpoint Device
Port	0
Version	1.0
Link width	8x (max 16x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100

Caps class	Power Budgeting
Caps offset	0x128
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 94 02 07 00 10 00 A1 00 02 03 10 00 00 00
10	00 00 00 DC 0C 00 00 80 00 00 00 00 04 00 00 DD
20	00 00 00 00 81 DC 00 00 00 00 00 00 00 DE 10 5B 03
30	00 00 00 00 60 00 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 00
50	01 00 00 00 01 00 00 00 CE D6 23 00 00 00 00 00 00
60	01 68 02 00 00 00 00 00 05 78 80 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00 10 00 01 00 80 04 00 00 00
80	16 28 00 00 01 2D 01 00 40 00 81 10 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
100	02 00 81 12 00 00 00 00 00 00 00 00 00 00 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00 00
120	00 00 00 00 00 00 00 00 04 00 01 00 00 00 00 00 00
130	21 81 07 00 00 00 00 00 00 01 00 00 00 00 00 00 07

Description	VGA Controller
Location	bus 4 (0x04), device 0 (0x00), function 0 (0x00)
Common header	

Vendor ID	0x10DE
Model ID	0x0294
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x03
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xD9000000
Address 1 (memory)	0x90000000
Address 3 (memory)	0xDA000000
Address 5 (port)	0x0000CC80
Subvendor ID	0x10DE
Subsystem ID	0x035B
Int. Line	0x11
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x60
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x68
PCI capability	
Caps class	PCI Express
Caps offset	0x78

Device type	PCI-E Endpoint Device
Port	1
Version	1.0
Link width	8x (max 16x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
Caps class	Power Budgeting
Caps offset	0x128
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 94 02 07 00 10 00 A1 00 00 03 10 00 00 00
10	00 00 00 D9 0C 00 00 90 00 00 00 00 04 00 00 DA
20	00 00 00 00 81 CC 00 00 00 00 00 00 DE 10 5B 03
30	00 00 00 00 60 00 00 00 00 00 00 00 11 01 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	01 00 00 00 01 00 00 00 CE D6 23 00 00 00 00 00
60	01 68 02 00 00 00 00 00 05 78 80 00 00 00 00 00
70	00 00 00 00 00 00 00 00 10 00 01 00 80 04 00 00
80	16 28 00 00 01 2D 01 01 40 00 81 10 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
100	02 00 81 12 00 00 00 00 00 00 00 00 00 00 00 00

110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00
120	00 00 00 00 00 00 00 00 04 00 01 00 00 00 00
130	21 81 07 00 00 00 00 00 00 01 00 00 00 00 07
Description	Ethernet Controller
Location	bus 6 (0x06), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x14E4
Model ID	0x1677
Revision ID	0x21
PI	0x00
SubClass	0x00
BaseClass	0x02
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xD7FF0000
Subvendor ID	0x1028
Subsystem ID	0x0207
Int. Line	0x00
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x48
Caps version	1.1
PCI capability	
Caps class	Virtual Product Data

Caps offset	0x50
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x58
PCI capability	
Caps class	PCI Express
Caps offset	0xD0
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	Virtual Channel
Caps offset	0x13C
Caps class	Device Serial Number
Caps offset	0x160
Caps class	Power Budgeting
Caps offset	0x16C
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	E4 14 77 16 06 04 10 00 21 00 00 02 10 00 00 00
10	04 00 FF D7 00 00 00 00 00 00 00 00 00 00 00 00
20	00 00 00 00 00 00 00 00 07 00 00 00 28 10 07 02
30	00 00 00 00 48 00 00 00 00 00 00 00 00 01 00 00
40	00 00 00 00 00 00 00 00 01 50 02 C0 00 21 00 64
50	03 58 A0 00 D3 80 EE 3B 05 D0 B7 00 0C 30 E0 FE

60	00 00 00 00 A8 49 00 00 98 02 01 42 00 00 1B 76
70	92 10 00 00 A0 00 00 00 2C 00 00 00 F0 0D 00 00
80	28 10 07 02 00 00 00 00 34 00 13 04 82 00 08 1C
90	09 06 00 01 00 00 00 00 00 00 00 00 C8 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 01 00 00 00 00 00 00 00 00
C0	00 00 00 00 10 C0 00 00 0E 00 00 00 00 00 00 00
D0	10 00 01 00 A0 0F 00 00 06 50 10 00 11 6C 03 00
E0	40 00 11 10 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 C1 13 00 00 00 00 00 00 00 00 10 20 06 00
110	01 00 00 00 00 00 00 00 A0 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 02 00 01 16

Description	Audio device
Location	bus 7 (0x07), device 4 (0x04), function 0 (0x00)
Common header	
Vendor ID	0x1102
Model ID	0x0005
Revision ID	0x00
PI	0x00
SubClass	0x01
BaseClass	0x04
Cache Line	0x10
Latency	0x40
Header	0x00
PCI header	

Address 0 (port)	0x0000BCE0
Address 1 (memory)	0xD6E00000
Address 3 (memory)	0xD0000000
Subvendor ID	0x1102
Subsystem ID	0x1003
Int. Line	0x10
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x50
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	02 11 05 00 07 01 10 02 00 00 01 04 10 40 00 00
10	E1 BC 00 00 04 00 E0 D6 00 00 00 00 04 00 00 D0
20	00 00 00 00 00 00 00 00 00 00 00 00 00 02 11 03 10
30	00 00 00 00 40 00 00 00 00 00 00 00 00 10 01 04 05
40	01 50 22 06 00 00 00 00 00 00 00 00 00 00 00 00
50	05 00 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	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 AA 83 00 00
D0	00 80 00 00 FF FF 00 00 00 00 00 00 00 00 00 00 00
E0	80 00 1A 00 2B 01 00 00 00 00 00 00 00 05 00 80 80
F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
Description	OHCI FireWire Controller
Location	bus 7 (0x07), device 10 (0x0A), function 0 (0x00)
Common header	
Vendor ID	0x104C
Model ID	0x8023
Revision ID	0x00
PI	0x10
SubClass	0x00
BaseClass	0x0C
Cache Line	0x10
Latency	0x40
Header	0x00
PCI header	
Address 0 (memory)	0xD6DFB800
Address 1 (memory)	0xD6DFC000
Subvendor ID	0x1028
Subsystem ID	0x0207
Int. Line	0x12
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x44
Caps version	1.1

PCI registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	4C	10	23	80	16	01	10	02	00	10	00	0C	10	40	00	00
10	00	B8	DF	D6	00	C0	DF	D6	00	00	00	00	00	00	00	00
20	00	00	00	00	00	00	00	00	00	00	00	00	28	10	07	02
30	00	00	00	00	44	00	00	00	00	00	00	00	12	01	02	04
40	00	00	00	00	01	00	42	FE	00	80	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	08	00	00	00
F0	00	80	00	00	00	10	00	00	28	10	07	02	00	00	00	00

Description

PCI to PCI Bridge

Location

bus 9 (0x09), device 0 (0x00), function 0 (0x00)

Common header

Vendor ID	0x10DE
Model ID	0x01B3
Revision ID	0xA3
PI	0x00
SubClass	0x04
BaseClass	0x06

Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	
Address 0 (memory)	0xCFFFC000
Primary bus	0x09
Secondary bus	0x0A
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	PCI Express
Caps offset	0x60
Device type	Upstream Port of PCI-E Switch
Port	0
Version	1.0
Link width	16x (max 16x)
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 B3 01 07 04 10 00 A3 00 04 06 10 00 01 00
10	00 C0 FF CF 00 00 00 00 09 0A 0C 00 91 A1 00 00
20	00 C9 F0 CE 01 A0 F1 BF 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 02 00
40	01 60 02 C8 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	10 00 51 00 E0 04 00 00 06 00 0A 00 01 25 01 00
70	40 00 01 11 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
90	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
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 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
F0	00 00 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
110	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
130	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Description	PCI to PCI Bridge
Location	bus 10 (0x0A), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x01B3
Revision ID	0xA3
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	

Primary bus	0x0A
Secondary bus	0x0B
Int. Line	0x00
Int. Pin	0x00
PCI capability	
Caps class	Power Management
Caps offset	0x40
Caps version	1.1
PCI capability	
Caps class	PCI Express
Caps offset	0x60
Device type	Downstream Port of PCI-E Switch
Port	0
Version	1.0
Physical slot	Integrated device
Link width	8x (max 16x)
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 B3 01 07 04 10 00 A3 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 0A 0B 0B 00 A1 A1 00 00
20	00 CC F0 CE 01 A0 F1 AF 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 02 00
40	01 60 02 C8 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	10 00 61 00 E0 04 00 00 06 00 0A 00 01 25 01 00
70	40 00 81 10 00 00 00 00 00 00 40 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
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	PCI to PCI Bridge
Location	bus 10 (0x0A), device 1 (0x01), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x01B3
Revision ID	0xA3
PI	0x00
SubClass	0x04
BaseClass	0x06
Cache Line	0x10
Latency	0x00
Header	0x01
PCI header	
Primary bus	0x0A
Secondary bus	0x0C
Int. Line	0x00
Int. Pin	0x00

PCI capability

Caps class	Power Management
Caps offset	0x40
Caps version	1.1

PCI capability

Caps class	PCI Express
Caps offset	0x60
Device type	Downstream Port of PCI-E Switch
Port	1
Version	1.0
Physical slot	Integrated device
Link width	8x (max 16x)

PCI registers

	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 B3 01 07 04 10 00 A3 00 04 06 10 00 01 00
10	00 00 00 00 00 00 00 00 0A 0C 0C 00 91 91 00 00
20	00 C9 F0 CB 01 B0 F1 BF 00 00 00 00 00 00 00 00
30	00 00 00 00 40 00 00 00 00 00 00 00 00 00 02 00
40	01 60 02 C8 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	10 00 61 00 E0 04 00 00 06 00 00 00 01 25 01 01
70	40 00 81 10 00 00 00 00 00 00 40 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
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	3D Controller
Location	bus 11 (0x0B), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0294
Revision ID	0xA1
PI	0x00
SubClass	0x02
BaseClass	0x03
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xCD000000
Address 1 (memory)	0xA0000000
Address 3 (memory)	0xCE000000
Address 5 (port)	0x0000AC80
Subvendor ID	0x10DE
Subsystem ID	0x035B
Int. Line	0x10
Int. Pin	0x01

PCI capability	
Caps class	Power Management
Caps offset	0x60
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x68
PCI capability	
Caps class	PCI Express
Caps offset	0x78
Device type	PCI-E Endpoint Device
Port	0
Version	1.0
Link width	8x (max 16x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
Caps class	Power Budgeting
Caps offset	0x128
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00	DE 10 94 02 07 00 10 00 A1 00 02 03 10 00 00 00
10	00 00 00 CD 0C 00 00 A0 00 00 00 00 04 00 00 CE
20	00 00 00 00 81 AC 00 00 00 00 00 00 00 DE 10 5B 03
30	00 00 00 00 60 00 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 00
50	01 00 00 00 01 00 00 00 CE D6 23 00 00 00 00 00
60	01 68 02 00 00 00 00 00 05 78 80 00 00 00 00 00

70	00 00 00 00 00 00 00 00 10 00 01 00 80 04 00 00
80	16 28 00 00 01 2D 01 00 40 00 81 10 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
100	02 00 81 12 00 00 00 00 00 00 00 00 00 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
120	00 00 00 00 00 00 00 00 04 00 01 00 00 00 00 00
130	21 81 07 00 00 00 00 00 00 01 00 00 00 00 00 07

Description	VGA Controller
Location	bus 12 (0x0C), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x10DE
Model ID	0x0294
Revision ID	0xA1
PI	0x00
SubClass	0x00
BaseClass	0x03
Cache Line	0x10
Latency	0x00
Header	0x00
PCI header	
Address 0 (memory)	0xCB000000

Address 1 (memory)	0xB0000000
Address 3 (memory)	0xCA000000
Address 5 (port)	0x00009F80
Subvendor ID	0x10DE
Subsystem ID	0x035B
Int. Line	0x11
Int. Pin	0x01
PCI capability	
Caps class	Power Management
Caps offset	0x60
Caps version	1.1
PCI capability	
Caps class	Message Signalled Interrupts
Caps offset	0x68
PCI capability	
Caps class	PCI Express
Caps offset	0x78
Device type	PCI-E Endpoint Device
Port	1
Version	1.0
Link width	8x (max 16x)
Extended capabilities	
Caps class	Virtual Channel
Caps offset	0x100
Caps class	Power Budgeting
Caps offset	0x128
PCI registers	
	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F

00	DE 10 94 02 06 00 10 00 A1 00 00 03 10 00 00 00
10	00 00 00 CB 0C 00 00 B0 00 00 00 00 04 00 00 CA
20	00 00 00 00 81 9F 00 00 00 00 00 00 DE 10 5B 03
30	00 00 00 00 60 00 00 00 00 00 00 00 11 01 00 00
40	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
50	01 00 00 00 01 00 00 00 CE D6 23 00 00 00 00 00
60	01 68 02 00 00 00 00 00 05 78 80 00 00 00 00 00
70	00 00 00 00 00 00 00 00 10 00 01 00 80 04 00 00
80	16 28 00 00 01 2D 01 01 40 00 81 10 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
100	02 00 81 12 00 00 00 00 00 00 00 00 00 00 00 00
110	00 00 00 00 FF 00 00 80 00 00 00 00 00 00 00 00
120	00 00 00 00 00 00 00 00 04 00 01 00 00 00 00 00
130	21 81 07 00 00 00 00 00 00 01 00 00 00 00 00 07

DMI

DMI BIOS

vendor	Dell Inc.
version	1.4.1
date	05/07/2007

DMI System Information

manufacturer	Dell Inc.
product	Dell XPS710
version	unknown
serial	6G16P2J
UUID	44454C4C-47001031-8036B6C0-4F50324A

DMI Baseboard

vendor	Dell Inc.
model	0UY253
revision	A00
serial	..CN13740733000C.

DMI System Enclosure

manufacturer	Dell Inc.
chassis type	Tower
chassis serial	6G16P2J

DMI Processor

manufacturer	Intel
model	unknown
clock speed	2400.0 MHz
FSB speed	1066.0 MHz
multiplier	2.5x

DMI Port Connector

designation	SERIAL1 (internal)
port type	Serial Port 16550A

connector	DB-9 male
DMI Port Connector	
designation	KYBD (internal)
port type	Keyboard Port
connector	PS/2
DMI Port Connector	
designation	MOUSE (internal)
port type	Mouse Port
connector	PS/2
DMI Port Connector	
designation	USB1 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	
designation	USB2 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	
designation	USB3 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	

designation	USB4 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	
designation	USB5 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	
designation	USB6 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	
designation	USB7 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	
designation	USB8 (internal)
port type	USB
connector	Access Bus (USB)
DMI Port Connector	
designation	ENET (internal)
port type	Network Port
connector	RJ-45

DMI Port Connector

designation	front HP-out (internal)
port type	Audio Port
connector	Mini Jack (headphones)

DMI Port Connector

designation	front Mic (internal)
port type	Audio Port
connector	Mini Jack (headphones)

DMI Port Connector

designation	back Line-out (internal)
port type	Audio Port
connector	Mini Jack (headphones)

DMI Port Connector

designation	back Mic (internal)
port type	Audio Port
connector	Mini Jack (headphones)

DMI Port Connector

designation	back Center/LFE (internal)
port type	Audio Port
connector	Mini Jack (headphones)

DMI Port Connector

designation	back Side-Spkr (internal)
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port type	Audio Port
connector	Mini Jack (headphones)
DMI Port Connector	
designation	back Rear Surround (internal)
port type	Audio Port
connector	Mini Jack (headphones)
DMI Port Connector	
designation	back Line-in (internal)
port type	Audio Port
connector	Mini Jack (headphones)
DMI Port Connector	
designation	SPDIF-OUT (internal)
port type	Audio Port
DMI Port Connector	
designation	IEEE-1394 Front (internal)
port type	Firewire (IEEE P1394)
connector	IEEE 1394
DMI Port Connector	
designation	IEEE-1394 Back (internal)
port type	Firewire (IEEE P1394)
connector	IEEE 1394
DMI Extension Slot	

designation	SLOT1
type	A5
populated	yes
DMI Extension Slot	
designation	SLOT2
type	A5
populated	yes
DMI Extension Slot	
designation	SLOT3
type	PCI
width	32 bits
populated	no
DMI Extension Slot	
designation	SLOT4
type	A5
populated	yes
DMI Extension Slot	
designation	SLOT5
type	PCI
width	32 bits
populated	yes
DMI Extension Slot	
designation	SLOT6

type	PCI
width	32 bits
populated	no
DMI Extension Slot	
designation	SLOT7
type	A5
populated	no
DMI OEM Strings	
string[0]	www.dell.com
DMI Physical Memory Array	
location	Motherboard
usage	System Memory
correction	Single-bit ECC
max capacity	8192 MBytes
max# of devices	4
DMI Memory Device	
designation	DIMM_1
format	DIMM
type	DDR
total width	64 bits
data width	64 bits
size	1024 MBytes
DMI Memory Device	

designation	DIMM_3
format	DIMM
type	DDR
total width	64 bits
data width	64 bits
size	1024 MBytes

DMI Memory Device

designation	DIMM_2
format	DIMM
type	DDR
total width	64 bits
data width	64 bits
size	1024 MBytes

DMI Memory Device

designation	DIMM_4
format	DIMM
type	DDR
total width	64 bits
data width	64 bits
size	1024 MBytes

Graphics

Number of adapters	4
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Graphic APIs

API NVIDIA NVAPI

API NVIDIA I/O

Graphics I2C

Display Adapters

Display adapter 0

Manuf. API index	0
Display name	\\.\DISPLAY1
Name	NVIDIA GeForce 7950 GX2
Revision	A2
Codename	G71
Technology	90 nm
Memory size	512 MB
Memory type	DDR3
Memory bus width	256 bits
PCI device	bus 3 (0x3), device 0 (0x0), function 0 (0x0)
Vendor ID	0x10DE (0x10DE)
Model ID	0x0294 (0x035B)
Performance Level	Default
Performance Level	3D Applications

Display adapter 1

Manuf. API index	1
Display name	\\.\DISPLAY1
Name	NVIDIA GeForce 7950 GX2
Revision	A2
Codename	G71

Technology	90 nm
Memory size	512 MB
Memory type	DDR3
Memory bus width	256 bits
PCI device	bus 4 (0x4), device 0 (0x0), function 0 (0x0)
Vendor ID	0x10DE (0x10DE)
Model ID	0x0294 (0x035B)
Performance Level	Default
Performance Level	3D Applications

Display adapter 2

Manuf. API index	2
Display name	\\.\DISPLAY1
Name	NVIDIA GeForce 7950 GX2
Revision	A2
Codename	G71
Technology	90 nm
Memory size	512 MB
Memory type	DDR3
Memory bus width	256 bits
PCI device	bus 11 (0xB), device 0 (0x0), function 0 (0x0)
Vendor ID	0x10DE (0x10DE)
Model ID	0x0294 (0x035B)
Performance Level	Default
Performance Level	3D Applications

Display adapter 3

Manuf. API index	3
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Display name	\\.\DISPLAY1
Name	NVIDIA GeForce 7950 GX2
Revision	A2
Codename	G71
Technology	90 nm
Memory size	512 MB
Memory type	DDR3
Memory bus width	256 bits
PCI device	bus 12 (0xC), device 0 (0x0), function 0 (0x0)
Vendor ID	0x10DE (0x10DE)
Model ID	0x0294 (0x035B)
Performance Level	Default
Performance Level	3D Applications

Software

Windows Version	Microsoft Windows 7 (6.1) Ultimate Edition (Build 7600)
DirectX Version	11.0

ACPI

ACPI Tree

_GPE
_L01
_L22
_L24
_L29
_L21
_L26

_L10
_L0D
_L05
_L00
PR
CPU0
CPU1
CPU2
CPU3
SB
VBTN
_HID
_PRW
_INI
PCI0
_HID
_UID
_ADR
_PRW
_S1D
_S3D
PCI1
_S1D
_S3D
_S4D
_S5D
_ADR
_UID

_PRW
_PRT
PIC1
API1
PCI2
_S1D
_S3D
_S4D
_S5D
_ADR
_UID
_PRW
_PRT
PIC2
API2
PCI3
_S1D
_S3D
_S4D
_S5D
_ADR
_UID
_PRW
_PRT
PIC3
API3
PCI4
_S1D

_S3D
_S4D
_S5D
_ADR
_UID
_PRW
_PRT
PIC4
API4
PCI5
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_UID
_PRW
_PRT
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API5
PCI6
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_S3D
_S4D
_S5D
_ADR
_UID
_PRW

_PRT
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API6
PIC0
API0
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FPU_
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PIC_
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SPK_
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RTC_
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_CRS

TMR_
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CFG_
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LDN_
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SIID
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ACTR
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IOAL
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INTR
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DMCH
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OPT1
OPT2
OPT3
LPCD

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SER1
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SER5
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SER7
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FDC0
FDC1
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PAR0
PAR1
PAR2
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CSIO
FDC_
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KBD_
_HID
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MOU_
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_CRS
_PRW
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_PRW
_INI
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_S1D
_S3D
USB1
_ADR
_UID
_PRW
_INI
_STA

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_S3D
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_STA
_CRS
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SAT2
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SAT3
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PQ04
PQ05

PQ06

PQ07

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PQ12

PQ13

PQ14

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PQ16

PQ17

PQ20

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PQ23

[]

[]

PQ26

PQ27

LK00

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_PRS

_STA

_DIS

_CRS

_SRS

LK01

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EWRT
RSV4
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CMWR
GCKB
GCMS
GCON
GCUC
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GCS2
GCFD
GCPP

GCNC
GCD3
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MGIC
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PME2
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G1_D
G1_E
G1_F
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SMIX
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SXX2
SXX3
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SMI2
SMI4
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GTML
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_WAK
PICF
_PIC
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WEN5
WEN6
WSTX

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WST2
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WST5
WST6
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LED1
LED2
PSKM
GPKM
USES
S0
S1
S3
S4
S5