```
Think Pad T41

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  CPU-Z version 1.43
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Processors Map
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Number of processors     1
Number of threads1

Processor 0
    -- Core 0
        -- Thread 0

Processors Information
-----------------------------------------------------------
--------------------

Processor 1 (ID = 0)
Number of cores          1 (max 1)
Number of threads1 (max 1)
Name                     Intel Pentium M
Codename       Banias
Specification            Intel(R) Pentium(R) M processor
1600MHz
Package                  Socket 479 mPGA (platform ID = 5h)
CPUID                    6.9.5
Extended CPUID           6.9
Brand ID       22
Core Stepping            B1
Technology               0.13 um
Core Speed               1598.6 MHz (16.0 x 99.9 MHz)
Rated Bus speed          399.7 MHz
Stock frequency          1600 MHz
Instructions setsMMX, SSE, SSE2
L1 Data cache            32 KBytes, 8-way set associative, 64-
byte line size
L1 Instruction cache     32 KBytes, 8-way set associative, 64-
byte line size
L2 cache       1024 KBytes, 8-way set associative, 64-byte
line size
FID/VID Control          yes
FID range                6.0x - 16.0x
max VID                  1.484 V
Features


Thread dumps
-----------------------------------------------------------
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CPU Thread 0
APIC ID                  0
Topology       Processor ID 0, Core ID 0, Thread ID 0
Type                     01002001h
Max CPUID level          00000002h
Max CPUID ext. level     80000004h

Function       eax            ebx            ecx
        edx
0x00000000                    0x00000002     0x756E6547
        0x6C65746E     0x49656E69
0x00000001                    0x00000695     0x00000816
        0x00000180     0xA7E9F9BF
0x00000002                    0x02B3B001     0x00000000
        0x00000000     0x2C043087
0x80000000                    0x80000004     0x00000000
        0x00000000     0x00000000
0x80000001                    0x00000000     0x00000000
        0x00000000     0x00000000
0x80000002                    0x20202020     0x20202020
        0x65746E49     0x2952286C
0x80000003                    0x6E655020     0x6D756974
        0x20295228     0x7270204D
0x80000004                    0x7365636F     0x20726F73
        0x30303631     0x007A484D

Cache descriptor Level 1 I       32 KB     1 threads
Cache descriptor Level 1 D       32 KB     1 threads
Cache descriptor Level 2 U        1 MB     1 threads

MSR 0x000001A0          edx = 0x00000000 eax = 0x00111088
MSR 0x00000017          edx = 0x00140000 eax = 0xD0008831
MSR 0x00000198          edx = 0x06101031 eax = 0x06001031
MSR 0x00000199          edx = 0x00000000 eax = 0x00001031


Chipset
-----------------------------------------------------------
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Northbridge              Intel i855PM rev. A3
Southbridge              Intel 82801DB (ICH4-M) rev. 01
Graphic InterfaceAGP
AGP Revision             2.0
AGP Transfer Rate4x
AGP SBA                  supported, enabled
Memory Type              DDR
Memory Size              512 MBytes

Memory Frequency 166.5 MHz (3:5)
```

```
CAS#                          2.5
RAS# to CAS#                  3
RAS# Precharge                3
Cycle Time (tRAS)7

Memory SPD
------------------------------------------------------------------
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DIMM #1

General
Memory type                   DDR
Manufacturer (ID)Hyundai Electronics (AD00000000000000)
Size                          512 MBytes
Max bandwidth                 PC2700 (166 MHz)
Part number                   HYMD564M646A6-J
Serial number                 1C3FB120
Manufacturing date            Week 104/Year 18

Attributes
Number of banks               2
Data width                    64 bits
Correction                    None
Registered                    no
Buffered         no
Nominal Voltage               2.50 Volts
EPP                           no
XMP                           no

Timings table
Frequency (MHz)               133        166
CAS#                          2.0        2.5
RAS# to CAS# delay            3          3
RAS# Precharge                3          3
TRAS                          6          7


Dump Module #1
       0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
00     80 08 07 0D 0A 02 40 00 04 60 70 00 82 10 00 01
10     0E 04 0C 01 02 20 C0 75 70 00 48 30 48 2A 40
20     75 75 45 45 00 00 00 00 00 3C 48 30 2D 55 00 00
30     00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
40     AD 00 00 00 00 00 00 02 48 59 4D 44 35 36 34
50     4D 36 34 36 41 36 2D 4A 20 20 20 20 30 12 68 1C
60     3F B1 20 00 00 00 00 00 00 00 00 00 00 00 00 41
70     4E 34 34 4E 31 33 47 59 32 20 30 37 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
------------------------------------------------------------------
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Mainboard Model               23738U4 (0x190 - 0x43EAD4)

LPCIO
------------------------------------------------------------------
Vendor                        NS
Vendor ID                     0xFF02
Chip ID                       0xEA
Revision ID                   0x3
Config Mode I/O address       0x2E

Dump config mode register space, LDN = 0x9
       0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
00     00 00 00 00 00 00 00 00 09 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     EA 11 00 00 17 A0 08 03 00 1E B7 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 04 04 00 00 00 00 00 00 00 00 00 00


PCI Device List
------------------------------------------------------------------
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Host Bridge
bus 0 (0x00), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID                  0x8086
        Model ID          0x3340
        Revision ID                0x03
        PI                         0x00
        SubClass          0x00
        BaseClass                  0x06
        Cache Line                 0x00
        Latency                    0x00
        Header                     0x00
PCI header
        Address 0 (memory)         0xD0000000
        Subvendor ID               0x1014
        Subsystem ID               0x0529
```

```
                    Int. Line                    0x00
                    Int. Pin          0x00
Capabilities
        Vendor Dependant Capability
                    Offset            E4h
        AGP Capability
                    Offset            A0h
                    Version           2.0
                    Status            enabled
                    Transfer rate     4x (max 4x)
                    Queue lenght      1 (max 32)
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00     86 80 40 33 06 01 90 20 03 00 00 06 00 00 00 00
    10     08 00 00 D0 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 14 10 29 05
    30     00 00 00 00 E4 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 02 00 00 00 00 00 00 00 00 00 00 00 27 00 00
    60     08 10 10 10 00 00 00 00 00 00 00 00 00 00 00 00
    70     03 00 00 00 00 00 00 00 00 00 02 2D 71 32 40 30
    80     71 00 80 05 00 00 00 00 00 10 01 00 00 00 00 00
    90     10 11 11 01 30 11 11 00 41 19 00 00 00 1A 7D 00
    A0     02 00 20 00 17 02 00 1F 04 03 00 00 00 00 00 00
    B0     80 00 00 00 00 00 00 00 00 00 40 12 00 20 10 00
    C0     44 40 50 11 00 20 05 06 00 00 00 00 00 00 00 00
    D0     02 28 00 0E 0B 00 00 30 00 00 31 B5 00 00 02 00
    E0     00 00 00 00 09 A0 04 41 00 00 00 00 00 00 00 00
    F0     00 00 01 00 74 FC 20 80 38 0F 21 00 04 00 00 00


PCI to PCI Bridge
bus 0 (0x00), device 1 (0x01), function 0 (0x00)
Common header
            Vendor ID                       0x8086
            Model ID            0x3341
            Revision ID                     0x03
            PI                              0x00
            SubClass            0x04
            BaseClass                       0x06
            Cache Line                      0x00
            Latency                         0x60
            Header                          0x01
PCI header
            Primary bus                     0x00
            Secondary bus                   0x01
            Int. Line                       0x00
            Int. Pin          0x00
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00     86 80 41 33 07 01 A0 00 03 00 04 06 00 01 00 00
    10     00 00 00 00 00 00 00 00 01 01 40 30 30 A0 22
    20     10 C0 10 C0 00 E0 F0 E7 00 00 00 00 00 00 00 00
    30     00 00 00 00 00 00 00 00 00 00 00 00 0C 00
    40     00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    50     D4 95 FF 1F 41 F4 09 00 9C 0B 94 0C 71 FE 03 00
    60     01 00 00 00 52 48 80 00 B2 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


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 0 (0x00)
Common header
            Vendor ID                       0x8086
            Model ID            0x24C2
            Revision ID                     0x01
            PI                              0x00
            SubClass            0x03
            BaseClass                       0x0C
            Cache Line                      0x00
            Latency                         0x00
            Header                          0x80
PCI header
            Address 4 (port) 0x00001800
            Subvendor ID                    0x1014
            Subsystem ID                    0x052D
            Int. Line                       0x0B
            Int. Pin          0x01
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00     86 80 C2 24 05 00 80 02 01 00 03 0C 00 00 80 00
    10     00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20     01 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
    30     00 00 00 00 00 00 00 00 00 00 00 00 0B 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     10 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 2F 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 60 0F 00 00 00 00 00 00


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 1 (0x01)
Common header
            Vendor ID                       0x8086
            Model ID            0x24C4
            Revision ID                     0x01
            PI                              0x00
            SubClass            0x03
            BaseClass                       0x0C
            Cache Line                      0x00
            Latency                         0x00
            Header                          0x00
PCI header
            Address 4 (port) 0x00001820
            Subvendor ID                    0x1014
            Subsystem ID                    0x052D
            Int. Line                       0x0B
            Int. Pin          0x02
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00     86 80 C4 24 05 00 80 02 01 00 03 0C 00 00 00 00
    10     00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20     21 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
    30     00 00 00 00 00 00 00 00 00 00 00 00 0B 02 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     10 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 2F 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 60 0F 00 00 00 00 00 00


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 2 (0x02)
Common header
            Vendor ID                       0x8086
            Model ID            0x24C7
            Revision ID                     0x01
            PI                              0x00
            SubClass            0x03
            BaseClass                       0x0C
            Cache Line                      0x00
            Latency                         0x00
            Header                          0x00
PCI header
            Address 4 (port) 0x00001840
            Subvendor ID                    0x1014
            Subsystem ID                    0x052D
            Int. Line                       0x0B
            Int. Pin          0x03
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00     86 80 C7 24 05 00 80 02 01 00 03 0C 00 00 00 00
    10     00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20     41 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
    30     00 00 00 00 00 00 00 00 00 00 00 00 0B 03 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     10 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 2F 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 60 0F 00 00 00 00 00 00


USB 2.0 Controller (EHCI)
bus 0 (0x00), device 29 (0x1D), function 7 (0x07)
Common header
            Vendor ID                       0x8086
            Model ID            0x24CD
            Revision ID                     0x01
            PI                              0x20
            SubClass            0x03
            BaseClass                       0x0C
            Cache Line                      0x00
            Latency                         0x00
            Header                          0x00
PCI header
            Address 0 (memory)              0xC0000000
            Subvendor ID                    0x1014
            Subsystem ID                    0x052E
            Int. Line                       0x0B
            Int. Pin          0x04
Capabilities
        Power Management Capability
                    Offset            50h
                    Version           1.1
        Debug Port Capability
                    Offset            58h
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00     86 80 CD 24 06 01 90 02 01 20 03 0C 00 00 00 00
    10     00 00 00 C0 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 14 10 2E 05
30    00 00 00 00 50 00 00 00 00 00 00 00 0B 04 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 00 0A 00 80 20 00 00 00
60    20 20 1F 00 00 00 00 00 01 00 00 00 00 00 00 C0
70    00 00 C7 0F 00 00 00 00 00 00 00 00 00 00 00 00
80    00 00 00 00 01 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 3F 00
E0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0    78 BF 1F 00 88 83 00 00 60 0F 00 00 06 00 00 00
```

PCI to PCI Bridge
bus 0 (0x00), device 30 (0x1E), function 0 (0x00)
Common header
        Vendor ID   0x8086
        Model ID   0x2448
        Revision ID   0x81
        PI   0x00
        SubClass   0x04
        BaseClass   0x06
        Cache Line   0x00
        Latency   0x00
        Header   0x01
PCI header
        Primary bus   0x00
        Secondary bus   0x02
        Int. Line   0x00
        Int. Pin   0x00
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
    00   86 80 48 24 07 01 80 80 81 00 04 06 00 00 01 00
    10   00 00 00 00 00 00 00 00 00 02 08 A8 40 80 80 22
    20   20 C0 F0 CF 00 E8 F0 EF 00 00 00 00 00 00 00 00
    30   00 00 00 00 00 00 00 00 00 00 00 00 00 00 04 00
    40   02 28 20 00 00 00 00 00 00 00 00 00 00 00 00 00
    50   02 74 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   40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    80   00 00 0A 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   10 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00
    B0   01 00 02 00 00 00 C0 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 60 0F 00 00 00 00 2E 48
```

PCI to ISA Bridge
bus 0 (0x00), device 31 (0x1F), function 0 (0x00)
Common header
        Vendor ID                       0x8086
        Model ID                0x24CC
        Revision ID                     0x01
        PI                              0x00
        SubClass                0x01
        BaseClass                       0x06
        Cache Line                      0x00
        Latency                         0x00
        Header                          0x80
PCI header
        Subvendor ID                    0x0000
        Subsystem ID                    0x0000
        Int. Line                       0x00
        Int. Pin            0x00
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 CC 24 0F 00 80 02 01 00 01 06 00 00 80 00
    10    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    30    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    40    01 10 00 00 10 00 00 00 00 00 00 00 00 00 00 00
    50    00 00 00 00 00 00 00 00 81 11 00 00 10 00 00 00
    60    0B 0B 0B 0B 92 00 00 00 80 80 80 0B 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    FF FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    A0    24 02 00 00 00 00 00 00 0D 00 00 00 00 08 00 00
    B0    00 00 00 00 00 00 00 00 00 00 02 0A 00 00 00 00
    C0    10 00 00 00 E0 15 00 00 00 00 00 00 00 0F 00 00
    D0    07 28 00 00 02 0F 00 00 0C 00 00 00 00 00 00 00
    E0    10 02 00 FF 01 16 0E 3C 33 22 11 00 00 00 67 45
    F0    00 00 00 00 00 00 00 00 60 0F 03 00 00 80 00 00
```

IDE Controller
bus 0 (0x00), device 31 (0x1F), function 1 (0x01)
Common header
        Vendor ID   0x8086
        Model ID   0x24CA
        Revision ID   0x01
        PI   0x8A
        SubClass   0x01
        BaseClass   0x01
        Cache Line   0x00
        Latency   0x00
        Header   0x00
PCI header
        Address 4 (port) 0x00001860
        Address 5 (memory)   0xFEBFFC00

        Subvendor ID   0x1014
        Subsystem ID   0x052D
        Int. Line   0xFF
        Int. Pin   0x01
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
    00   86 80 CA 24 07 00 80 02 01 8A 01 01 00 00 00 00
    10   01 00 00 00 01 00 00 00 01 00 00 01 00 00 00 00
    20   61 18 00 00 00 FC BF FE 00 00 00 00 14 10 2D 05
    30   00 00 00 00 00 00 00 00 00 00 00 00 FF 01 00 00
    40   07 A3 03 A3 00 00 00 00 05 00 01 02 00 00 00 00
    50   00 00 00 00 51 14 00 00 00 00 00 00 00 00 00 00
    60   08 00 00 00 00 00 00 00 08 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 60 0F 00 00 00 00 00 00
```

SMBus Controller
bus 0 (0x00), device 31 (0x1F), function 3 (0x03)
Common header
        Vendor ID                       0x8086
        Model ID                0x24C3
        Revision ID                     0x01
        PI                              0x00
        SubClass                0x05
        BaseClass                       0x0C
        Cache Line                      0x00
        Latency                         0x00
        Header                          0x00
PCI header
        Address 4 (port) 0x00001880
        Subvendor ID                    0x1014
        Subsystem ID                    0x052D
        Int. Line                       0x0B
        Int. Pin            0x02
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 C3 24 01 00 80 02 01 00 05 0C 00 00 00 00
    10    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20    81 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
    30    00 00 00 00 00 00 00 00 00 00 00 00 0B 02 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    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 60 0F 00 00 00 00 00 00
```

Audio device
bus 0 (0x00), device 31 (0x1F), function 5 (0x05)
Common header
        Vendor ID   0x8086
        Model ID   0x24C5
        Revision ID   0x01
        PI   0x00
        SubClass   0x01
        BaseClass   0x04
        Cache Line   0x00
        Latency   0x00
        Header   0x00
PCI header
        Address 0 (port) 0x00001C00
        Address 1 (port) 0x000018C0
        Address 2 (memory)   0xC0000C00
        Address 3 (memory)   0xC0000800
        Subvendor ID   0x1014
        Subsystem ID   0x0537
        Int. Line   0x0B
        Int. Pin   0x02
Capabilities
        Power Management Capability
                Offset   50h
                Version   1.1
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
    00   86 80 C5 24 07 00 90 02 01 00 01 04 00 00 00 00
    10   01 1C 00 00 C1 18 00 00 00 0C 00 C0 00 08 00 C0
    20   00 00 00 00 00 00 00 00 00 00 00 00 14 10 37 05
    30   00 00 00 00 50 00 00 00 00 00 00 00 0B 02 00 00
    40   09 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    50   01 00 C2 C9 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 60 0F 00 00 00 00 00 00
```

Modem
bus 0 (0x00), device 31 (0x1F), function 6 (0x06)
Common header
        Vendor ID                       0x8086
        Model ID            0x24C6
        Revision ID                     0x01
        PI                              0x00
        SubClass            0x03
        BaseClass                       0x07
        Cache Line                      0x00
        Latency                         0x00
        Header                          0x00
PCI header
        Address 0 (port) 0x00002400
        Address 1 (port) 0x00002000
        Subvendor ID                    0x1014
        Subsystem ID                    0x0525
        Int. Line                       0x0B
        Int. Pin            0x02
Capabilities
        Power Management Capability
                Offset              50h
                Version             1.1
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 C6 24 05 00 90 02 01 00 03 07 00 00 00 00
    10    01 24 00 00 01 20 00 00 00 00 00 00 00 00 00 00
    20    00 00 00 00 00 00 00 00 00 00 00 00 14 10 25 05
    30    00 00 00 00 50 00 00 00 00 00 00 00 0B 02 00 00
    40    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    50    01 00 C2 C9 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 60 0F 00 00 00 00 00

VGA Controller
bus 1 (0x01), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID                       0x1002
        Model ID            0x4C57
        Revision ID                     0x00
        PI                              0x00
        SubClass            0x00
        BaseClass                       0x03
        Cache Line                      0x08
        Latency                         0xFF
        Header                          0x00
PCI header
        Address 0 (memory)          0xE0000000
        Address 1 (port) 0x00003000
        Address 2 (memory)          0xC0100000
        Subvendor ID                    0x1014
        Subsystem ID                    0x0530
        Int. Line                       0x0B
        Int. Pin            0x01
Capabilities
        AGP Capability
                Offset              58h
                Version             2.0
                Status              enabled
                Transfer rate       4x (max 4x)
                Queue lenght        1 (max 48)
        Power Management Capability
                Offset              50h
                Version             1.1
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    02 10 57 4C 87 03 B0 02 00 00 00 03 08 FF 00 00
    10    08 00 00 E0 01 30 00 00 00 00 10 C0 00 00 00 00
    20    00 00 00 00 00 00 00 00 00 00 00 00 14 10 30 05
    30    00 00 00 00 58 00 00 00 00 00 00 00 0B 01 08 00
    40    00 00 00 00 00 00 00 00 00 00 00 00 14 10 30 05
    50    01 00 02 06 00 00 00 00 02 50 20 00 07 02 00 2F
    60    04 03 00 1F 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

PCI to CardBus Bridge
bus 2 (0x02), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID                       0x104C
        Model ID            0xAC46
        Revision ID                     0x01
        PI                              0x00
        SubClass            0x07
        BaseClass                       0x06
        Cache Line                      0x08
        Latency                         0x40
        Header                          0x82
PCI header
Capabilities
        Power Management Capability
                Offset              A0h
                Version             1.1
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    4C 10 46 AC 07 01 10 02 01 00 07 06 08 40 82 00
    10    00 00 00 B0 A0 00 00 02 02 03 05 B0 00 E0 BF FE
    20    00 E0 BF FE 00 E0 BF FA 00 D0 BF FE 00 FE 00 00
    30    FC FE 00 00 00 FD 00 00 FC FD 00 00 0B 01 C0 00
    40    14 10 52 05 01 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    71 D0 40 08 00 00 0A 04 00 00 0F 00 22 1B D2 01
    90    C0 22 64 41 00 00 00 00 00 00 00 00 00 00 00 00
    A0    01 00 12 FE 00 00 C0 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

PCI to CardBus Bridge
bus 2 (0x02), device 0 (0x00), function 1 (0x01)
Common header
        Vendor ID                       0x104C
        Model ID            0xAC46
        Revision ID                     0x01
        PI                              0x00
        SubClass            0x07
        BaseClass                       0x06
        Cache Line                      0x08
        Latency                         0x40
        Header                          0x82
PCI header
Capabilities
        Power Management Capability
                Offset              A0h
                Version             1.1
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    4C 10 46 AC 07 01 10 02 01 00 07 06 08 40 82 00
    10    00 00 00 B1 A0 00 00 02 02 06 08 B0 00 D0 BF FA
    20    00 D0 BF FA 00 D0 BF F6 00 C0 BF FA 00 FC 00 00
    30    FC FC 00 00 00 FA 00 00 FC FA 00 00 0B 02 C0 00
    40    14 10 52 05 01 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    71 D0 40 08 00 00 0A 04 00 00 0F 00 22 1B D2 01
    90    C0 22 64 41 00 00 00 00 00 00 00 00 00 00 00 00
    A0    01 00 12 FE 00 00 C0 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

Ethernet Controller
bus 2 (0x02), device 1 (0x01), function 0 (0x00)
Common header
        Vendor ID                       0x8086
        Model ID            0x101E
        Revision ID                     0x03
        PI                              0x00
        SubClass            0x00
        BaseClass                       0x02
        Cache Line                      0x08
        Latency                         0x40
        Header                          0x00
PCI header
        Address 0 (memory)          0xC0240000
        Address 1 (memory)          0xC0200000
        Address 2 (port) 0x00008000
        Subvendor ID                    0x1014
        Subsystem ID                    0x0549
        Int. Line                       0x0B
        Int. Pin            0x01
Capabilities
        Power Management Capability
                Offset              DCh
                Version             1.1
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 1E 10 00 01 30 02 03 00 00 02 08 40 00 00
    10    00 00 24 C0 00 00 20 C0 01 80 00 00 00 00 00 00
    20    00 00 00 00 00 00 00 00 22 00 00 00 14 10 49 05
    30    00 00 00 00 DC 00 00 00 00 00 00 00 0B 01 FF 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 01 00 22 C8
    E0    03 21 00 14 07 00 02 00 00 00 40 04 00 00 00 00

```
          F0   05 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00
```

Ethernet Controller
bus 2 (0x02), device 2 (0x02), function 0 (0x00)
Common header
```
        Vendor ID               0x168C
        Model ID        0x1014
        Revision ID             0x01
        PI                      0x00
        SubClass        0x00
        BaseClass               0x02
        Cache Line              0x08
        Latency                 0x80
        Header                  0x00
```
PCI header
```
        Address 0 (memory)      0xC0210000
        Subvendor ID            0x17AB
        Subsystem ID            0x8331
        Int. Line               0x0B
        Int. Pin        0x01
```
Capabilities
```
        Power Management Capability
                Offset          44h
                Version         1.1
```
Dump
```
                0 1 2 3 4 5 6 7 8 9 A B C D E F
        00      8C 16 14 10 46 03 90 02 01 00 00 02 08 80 00 00
        10      00 00 21 C0 00 00 00 00 00 00 00 00 00 00 00 00
        20      00 00 00 00 00 00 00 00 01 50 00 00 AB 17 31 83
        30      00 00 00 00 44 00 00 00 00 00 00 00 0B 01 0A 1C
        40      80 00 00 00 01 00 02 00 00 40 00 C6 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

DMI BIOS

```
        vendor          IBM
        version         1RETDNWW (3.19 )
        date            10/13/2005
```

DMI System Information

```
        manufacturer    IBM
        product         23738U4
        version         ThinkPad T42
        serial          994HNVP
        UUID            00000000-00000000-00000000-00000000
```

DMI Baseboard

```
        vendor          IBM
        model           23738U4
        revision Not Available
        serial          VJ0EC5BG1BS
```

DMI System Enclosure

```
        manufacturer    IBM
        chassis type    Notebook
        chassis serial  Not Available
```

DMI Processor

```
        manufacturer    GenuineIntel
        model           Intel(R) Pentium(R) M processor
        clock speed     1600.0MHz
        FSB speed       400.0MHz
        multiplier      4.0x
```

DMI Memory Controller

```
        correction      unknown
        Max module size 1024MBytes
```

DMI Memory Module

```
        designation     DIMM Slot 1
        size            512MBytes (double bank)
```

DMI Memory Module

```
        designation     DIMM Slot 2
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Infrared (external)
        connector       Infrared
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Parallel (external)
        port type       Parallel Port ECP/EPP
        connector       DB-25 female
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     External Monitor (external)
        port type       Video Port
        connector       DB-15 female
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Microphone Jack (external)
        port type       Audio Port
        connector       Mini Jack (headphones)
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Headphone Jack (external)
        port type       Audio Port
        connector       Mini Jack (headphones)
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     S-Video-Out (external)
        port type       Video Port
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Modem (external)
        port type       Modem Port
        connector       RJ-11
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Ethernet (external)
        port type       Network Port
        connector       RJ-45
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     USB 1 (external)
        port type       USB
        connector       Access Bus (USB)
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     USB 2 (external)
        port type       USB
        connector       Access Bus (USB)
```

DMI Extension Slot

```
        designation     CardBus Slot 1
        type            PCMCIA
        width           32 bits
        populated       no
```

DMI Extension Slot

```
        designation     CardBus Slot 2
        type            PCMCIA
        width           32 bits
        populated       no
```

DMI Extension Slot

```
        designation     Mini-PCI Slot 1
        type            PCI
        width           32 bits
        populated       no
```

DMI Physical Memory Array

```
          location Motherboard
          usage           System Memory
          correction      None
          max capacity    1024MBytes
          max# of devices 2


DMI Memory Device
-----------------
          designation     DIMM 1
          format          SODIMM
          type            DDR
          total width     64bits
          data width      64bits
          size            512MBytes


DMI Memory Device
-----------------
          designation     DIMM 2
          format          SODIMM
          type            DDR


Software
--------------------------------------------------------------
---------------

Windows Version         Microsoft Windows XP Professional
Service Pack 2 (Build 2600)
DirectX Version         9.0c


Resources
--------------------------------------------------------------
---------------

Memory I/O Space, BA=0x00000000D0000000
Port I/O Space, BA=0x1800
Port I/O Space, BA=0x1820
Port I/O Space, BA=0x1840
Memory I/O Space, BA=0x00000000C0000000
Port I/O Space, BA=0x1860
Memory I/O Space, BA=0x00000000FEBFFC00
Port I/O Space, BA=0x1880
Port I/O Space, BA=0x1C00
Port I/O Space, BA=0x18C0
Memory I/O Space, BA=0x00000000C0000C00
Memory I/O Space, BA=0x00000000C0000800
Port I/O Space, BA=0x2400
Port I/O Space, BA=0x2000
Memory I/O Space, BA=0x00000000E0000000
Port I/O Space, BA=0x3000
Memory I/O Space, BA=0x00000000C0100000
Memory I/O Space, BA=0x00000000B0000000
Memory I/O Space, BA=0x00000000B1000000
Memory I/O Space, BA=0x00000000C0240000
Memory I/O Space, BA=0x00000000C0200000
Port I/O Space, BA=0x8000
Memory I/O Space, BA=0x00000000C0210000
Port I/O Space, BA=0x1008, size=0x4
Port I/O Space, BA=0x2E
```

```
Think Pad T60

-------------------------
  CPU-Z version 1.43
-------------------------

Processors Map
-----------------------------------------------------------
--------------------

Number of processors     1
Number of threads2

Processor 0
   -- Core 0
      -- Thread 0
   -- Core 1
      -- Thread 0


Processors Information
-----------------------------------------------------------
--------------------

Processor 1 (ID = 0)
Number of cores        2 (max 2)
Number of threads2 (max 2)
Name                   Intel Core Duo T2400
Codename      Yonah
Specification          Genuine Intel(R) CPU        T2400
@ 1.83GHz
Package                Socket 479 mPGA (platform ID = 5h)
CPUID                  6.E.8
Extended CPUID         6.E
Core Stepping          C0
Technology             65 nm
Core Speed             997.6 MHz (6.0 x 166.3 MHz)
Rated Bus speed        665.0 MHz
Stock frequency        1833 MHz
Instructions setsMMX, SSE, SSE2, SSE3
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        2048 KBytes, 8-way set associative, 64-byte
line size
FID/VID Control        yes
FID range              6.0x - 11.0x
max VID                1.263 V
Features      XD, VT


Thread dumps
-----------------------------------------------------------
--------------------

CPU Thread 0
APIC_ID                0
Topology      Processor ID 0, Core ID 0, Thread ID 0
Type                   01004002h
Max CPUID level        0000000Ah
Max CPUID ext. level   80000008h

Function      eax             ebx             ecx
      edx
0x00000000              0x0000000A      0x756E6547
      0x6C65746E      0x49656E69
0x00000001              0x000006E8      0x00020800
      0x0000C1A9      0xBFE9FBFF
0x00000002              0x02B3B001      0x000000F0
      0x00000000      0x2C04307D
0x00000003              0x00000000      0x00000000
      0x00000000      0x00000000
0x00000004              0x04000121      0x01C0003F
      0x0000003F      0x00000001
0x00000004              0x04000122      0x01C0003F
      0x0000003F      0x00000001
0x00000004              0x04004143      0x01C0003F
      0x00000FFF      0x00000001
0x00000005              0x00000040      0x00000040
      0x00000003      0x00022220
0x00000006              0x00000001      0x00000002
      0x00000001      0x00000000
0x00000007              0x00000000      0x00000000
      0x00000000      0x00000000
0x00000008              0x00000000      0x00000000
      0x00000000      0x00000000
0x00000009              0x00000000      0x00000000
      0x00000000      0x00000000
0x0000000A              0x07280201      0x00000000
      0x00000000      0x00000000
0x80000000              0x80000008      0x00000000
      0x00000000      0x00000000
0x80000001              0x00000000      0x00000000
      0x00000000      0x00100000
0x80000002              0x756E6547      0x20656E69
      0x65746E49      0x2952286C
0x80000003              0x55504320      0x20202020
      0x20202020      0x54202020
0x80000004              0x30303432      0x20402020
      0x33382E31      0x007A4847
0x80000005              0x00000000      0x00000000
      0x00000000      0x00000000
0x80000006              0x00000000      0x00000000
      0x08006040      0x00000000
```

```
0x80000007              0x00000000      0x00000000
      0x00000000      0x00000000
0x80000008              0x00002020      0x00000000
      0x00000000      0x00000000

Cache descriptor Level 1 D      32 KB    1 threads
Cache descriptor Level 1 I      32 KB    1 threads
Cache descriptor Level 2 U      2 MB     2 threads

MSR 0x0000001B              edx = 0x00000000 eax = 0xFEE00900
MSR 0x000000E8              edx = 0x000004EB eax = 0x3E50C334
MSR 0x000001A0              edx = 0x00000003 eax = 0x64973488
MSR 0x00000017              edx = 0x00140000 eax = 0xD80485AC
MSR 0x000000CD              edx = 0x00000000 eax = 0x00000133
MSR 0x0000019C              edx = 0x00000000 eax = 0x88350100
MSR 0x000000EE              edx = 0xF8000000 eax = 0x82B90000
MSR 0x00000198              edx = 0x06130B2C eax = 0x06000613
MSR 0x00000199              edx = 0x00000000 eax = 0x00000613

CPU Thread 1
APIC_ID                1
Topology      Processor ID 0, Core ID 1, Thread ID 0
Type                   01004002h
Max CPUID level        0000000Ah
Max CPUID ext. level   80000008h

Function      eax             ebx             ecx
      edx
0x00000000              0x0000000A      0x756E6547
      0x6C65746E      0x49656E69
0x00000001              0x000006E8      0x01020800
      0x0000C1A9      0xBFE9FBFF
0x00000002              0x02B3B001      0x000000F0
      0x00000000      0x2C04307D
0x00000003              0x00000000      0x00000000
      0x00000000      0x00000000
0x00000004              0x04000121      0x01C0003F
      0x0000003F      0x00000001
0x00000004              0x04000122      0x01C0003F
      0x0000003F      0x00000001
0x00000004              0x04004143      0x01C0003F
      0x00000FFF      0x00000001
0x00000005              0x00000040      0x00000040
      0x00000003      0x00022220
0x00000006              0x00000001      0x00000002
      0x00000001      0x00000000
0x00000007              0x00000000      0x00000000
      0x00000000      0x00000000
0x00000008              0x00000000      0x00000000
      0x00000000      0x00000000
0x00000009              0x00000000      0x00000000
      0x00000000      0x00000000
0x0000000A              0x07280201      0x00000000
      0x00000000      0x00000000
0x80000000              0x80000008      0x00000000
      0x00000000      0x00000000
0x80000001              0x00000000      0x00000000
      0x00000000      0x00100000
0x80000002              0x756E6547      0x20656E69
      0x65746E49      0x2952286C
0x80000003              0x55504320      0x20202020
      0x20202020      0x54202020
0x80000004              0x30303432      0x20402020
      0x33382E31      0x007A4847
0x80000005              0x00000000      0x00000000
      0x00000000      0x00000000
0x80000006              0x00000000      0x00000000
      0x08006040      0x00000000
0x80000007              0x00000000      0x00000000
      0x00000000      0x00000000
0x80000008              0x00002020      0x00000000
      0x00000000      0x00000000

Cache descriptor Level 1 D      32 KB    1 threads
Cache descriptor Level 1 I      32 KB    1 threads
Cache descriptor Level 2 U      2 MB     2 threads

MSR 0x0000001B              edx = 0x00000000 eax = 0xFEE00800
MSR 0x000000E8              edx = 0x000005F1 eax = 0x21D0F374
MSR 0x000001A0              edx = 0x00000003 eax = 0x64973488
MSR 0x00000017              edx = 0x00140000 eax = 0xD80485AC
MSR 0x000000CD              edx = 0x00000000 eax = 0x00000133
MSR 0x0000019C              edx = 0x00000000 eax = 0x88340100
MSR 0x000000EE              edx = 0xF8000000 eax = 0x82B90000
MSR 0x00000198              edx = 0x06130B2C eax = 0x06000613
MSR 0x00000199              edx = 0x00000000 eax = 0x00000613


Chipset
-----------------------------------------------------------
---------------

Northbridge            Intel i945GM rev. 03
Southbridge            Intel 82801GHM (ICH7-M/U) rev. B0
Memory Type            DDR2
Memory Size            1016 MBytes
Channels        Single
Memory Frequency 332.5 MHz (1:2)
CAS#                   5.0
RAS# to CAS#           5
RAS# Precharge         5
Cycle Time (tRAS)15
Bank Cycle Time (tRC)     21
```

```
MCHBAR dump
-----------

Base address            0x0FED14000
Size                    4096

       0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
020   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
030   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
040   00 01 20 00 20 00 20 02 A8 02 80 80 00 00 00 00
050   01 00 80 00 02 01 8F 00 00 00 00 00 00 00 00 00
060   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
070   00 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00
080   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
090   55 50 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0A0   00 00 00 00 00 00 D8 00 00 00 00 00 00 00 00 00
0B0   00 00 D8 00 00 00 00 00 00 00 00 00 00 00 D8 00
0C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0F0   00 00 00 00 00 00 C0 00 00 00 00 00 00 00 00 00
100   10 20 20 20 00 00 00 00 33 00 00 00 00 03 00 00
110   28 31 74 DB 33 8C 78 54 30 02 00 80 E3 50 E9 00
120   06 0A 00 40 00 19 0C 91 00 00 00 0C 00 00 00 00
130   C4 06 00 00 6D 06 1A 87 01 04 10 00 00 00 00 00
140   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
150   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
160   00 00 00 00 20 00 00 01 11 DB 06 02 98 87 03 E0
170   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
180   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
190   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
1A0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
1B0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
1C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
1D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
1E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
1F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
200   00 04 0F 00 00 00 00 00 04 08 01 02 00 00 00 00
210   01 00 00 00 00 00 00 00 00 04 00 86 00 00 00 00
220   64 02 21 00 00 03 02 00 01 02 00 00 00 00 00 00
230   02 00 02 34 00 00 00 00 E5 B6 BD 00 00 00 00 00
240   00 00 00 00 00 00 00 00 00 00 00 00 2C 00 00 00
250   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
260   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
270   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
280   00 20 00 00 40 40 02 10 00 00 00 00 00 00 00 00
290   00 00 00 00 00 80 00 FF FF 00 FF FF 00 00 00 00
2A0   48 00 00 00 00 00 00 00 FC 00 FF 42 00 00 00 00
2B0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
2C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
2D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
2E0   01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
2F0   00 00 00 00 0C 20 00 00 03 0A 05 00 00 00 00 00
300   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
310   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
320   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
330   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
340   55 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
350   00 00 00 00 00 00 00 00 00 00 00 3A 00 00 00 00
360   A5 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00
370   00 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00
380   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
390   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
3A0   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
3B0   11 11 11 11 11 11 11 11 00 00 00 00 00 00 00 00
3C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
3D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
3E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
3F0   00 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00
400   03 05 00 18 00 00 00 00 00 00 00 00 05 00 00 00
410   44 00 00 00 00 00 00 00 22 00 00 00 00 00 00 00
420   11 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
430   44 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
440   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
450   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
460   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
470   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
480   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
490   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
4A0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
4B0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
4C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
4D0   00 00 00 00 23 24 23 24 29 25 29 26 64 4F 66 4F
4E0   24 23 24 23 00 00 00 00 15 18 15 18 00 00 00 00
4F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
500   06 07 07 08 08 09 09 0A 0A 0B 0C 0D 0E 0F 10 12
510   14 16 18 1A 1C 1E 20 22 24 26 28 2A 2D 30 34 39
520   08 09 09 0A 0B 0B 0C 0C 0D 0E 0E 0F 10 11 12
530   13 15 17 19 1B 1D 1F 21 23 26 29 2D 31 35 39 3F
540   05 06 06 07 09 0B 0D 0F 11 14 17 19 1B 1D 1F 1F
550   1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F
560   0F 10 10 11 09 0B 0D 0F 11 14 17 19 1B 1D 1F 1F
570   1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F 1F
580   00 00 01 01 01 02 03 04 05 06 07 08 09 0A 0B
590   0D 0E 0F 10 11 12 13 14 15 16 17 18 19 1A 1B 1C
5A0   03 04 04 05 05 06 06 07 07 08 09 0A 0B 0C 0D 0F
5B0   11 12 13 14 15 16 17 18 19 1A 1B 1C 1D 1E 1F 20
5C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
5D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
5E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
5F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
600   0C 0D 0D 0E 0E 0F 0F 10 0D 0E 0F 10 11 12 13 15
610   17 19 1B 1D 1F 21 23 25 27 29 28 2A 2C 2E 30 32
620   14 15 16 17 18 19 1A 1B 1C 1D 1E 1F 20 21 22 23
630   24 25 26 27 28 29 2B 2D 2F 31 33 35 37 39 3B 3D
640   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
650   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
660   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
670   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
680   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
690   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
6A0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
6B0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
6C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
6D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
6E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
6F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
700   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
710   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
720   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
730   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
740   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
750   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
760   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
770   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
780   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
790   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
7A0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
7B0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
7C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
7D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
7E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
7F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
800   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
810   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
820   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
830   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
840   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
850   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
860   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
870   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
880   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
890   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8A0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
900   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
910   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
920   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
930   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
940   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
950   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
960   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
970   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
980   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
990   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
9A0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
9B0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
9C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
9D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
9E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
9F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A00   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A10   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A20   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A30   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A40   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A50   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A60   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A70   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A80   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
A90   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
AA0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
AB0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
AC0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
AD0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
AE0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
AF0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B00   03 00 00 00 00 00 00 00 38 00 3A 00 1F 00 1D 00
B10   08 00 08 00 10 00 10 00 A2 00 0C 02 00 00 00 1F
B20   38 10 08 00 00 00 00 00 00 00 00 00 00 00 00 00
B30   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B40   00 00 00 00 00 00 0C 00 00 00 00 00 06 08 08 08
B50   08 0C 0C 0C 0C 0E 14 26 26 26 26 26 26 26 26 26
B60   02 02 02 03 06 08 0C 10 10 10 10 10 10 10 10 10
B70   10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10
B80   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
B90   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
BA0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
BB0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
BC0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 03 00
BD0   00 FF FF CC CC 00 00 00 00 0F 00 00 00 00 00 00
BE0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
BF0   02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C00   43 00 01 00 01 01 01 01 00 00 00 00 00 00 00 00
C10   00 00 00 00 31 10 8D 30 00 00 00 00 06 20 00 00
C20   00 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C30   01 00 00 00 00 00 80 80 59 0D 59 0D 00 00 00 00
C40   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C50   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C60   00 00 26 27 28 00 2B 2D 2F 31 33 35 37 39 3B 3D
C70   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
C80   00 00 00 00 00 00 00 00 00 00 00 FF 00 00 00 00
C90   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
CA0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

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CB0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
CC0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
CD0    00 00 00 00 00 00 00 00 00 00 00 00 FF 00 00 00
CE0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
CF0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D00    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D10    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D20    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D30    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D40    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D50    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D60    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D70    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D80    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
D90    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
DA0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
DB0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
DC0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
DD0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
DE0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
DF0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E00    00 00 00 00 00 00 00 00 DB 00 0A 00 18 00 00 00
E10    01 50 28 40 1A 00 20 15 70 0F 4C 2B 00 00 00 00
E20    00 00 00 00 00 00 00 00 00 80 02 00 00 00 00 00
E30    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E40    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E50    00 00 40 7A D5 0A 01 00 77 77 77 00 00 00 00 00
E60    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E70    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E80    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
E90    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
EA0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
EB0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
EC0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
ED0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
EE0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
EF0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F00    00 06 00 00 80 0B 00 00 68 04 6C 04 6C 04 00 00
F10    10 00 04 00 00 00 00 00 00 00 00 00 00 00 00 00
F20    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F30    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F40    00 00 00 00 43 21 00 00 00 00 00 00 00 00 00 00
F50    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F60    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F70    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F80    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F90    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
FA0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
FB0    0C 00 00 80 00 00 00 00 0C 00 00 80 00 00 00 00
FC0    FF 06 0F 00 00 00 00 00 00 00 00 00 00 00 00 00
FD0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
FE0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
FF0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 00
```

Memory SPD

No SPD information available

Monitoring

Mainboard Model   1951BU2 (0x199 - 0x45DED2)

Hardware monitor

Intel Core Duo T2400 hardware monitor

Temperature sensor 0   47°C (116°F) [0x35] (core #0)
Temperature sensor 1   48°C (118°F) [0x34] (core #1)

Dump hardware monitor

PCI Device List

Host Bridge
bus 0 (0x00), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID   0x8086
        Model ID   0x27A0
        Revision ID   0x03
        PI   0x00
        SubClass   0x00
        BaseClass   0x06
        Cache Line   0x00
        Latency   0x00
        Header   0x00
PCI header
        Subvendor ID   0x17AA
        Subsystem ID   0x2017
        Int. Line   0x00
        Int. Pin   0x00
Capabilities
        Vendor Dependant Capability
                Offset   E0h

Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 A0 27 06 01 90 20 03 00 00 06 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 AA 17 17 20
        30   00 00 00 00 00 00 00 E0 00 00 00 00 00 00 00 00
        40   01 90 D1 FE 01 40 D1 FE 05 00 00 F0 01 80 D1 FE
        50   00 00 30 00 19 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   10 11 11 01 30 11 11 00 FF 03 00 00 40 1A 39 00
        A0   08 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 04 01 00 00
        E0   09 00 09 51 02 04 0A 90 0E 00 00 00 00 00 00 00
        F0   00 00 00 00 00 00 00 00 86 0F 05 00 10 00 00 00

VGA Controller
bus 0 (0x00), device 2 (0x02), function 0 (0x00)
Common header
        Vendor ID   0x8086
        Model ID   0x27A2
        Revision ID   0x03
        PI   0x00
        SubClass   0x00
        BaseClass   0x03
        Cache Line   0x00
        Latency   0x00
        Header   0x80
PCI header
        Address 0 (memory)   0xEE100000
        Address 1 (port) 0x00001800
        Address 2 (memory)   0xD0000000
        Address 3 (memory)   0xEE200000
        Subvendor ID   0x17AA
        Subsystem ID   0x201A
        Int. Line   0x10
        Int. Pin   0x01
Capabilities
        Message Signalled Interrupts Capability
                Offset   90h
        Power Management Capability
                Offset   D0h
                Version   1.1

Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 A2 27 07 00 90 00 03 00 00 03 00 00 80 00
        10   00 00 10 EE 01 18 00 00 08 00 00 D0 00 00 20 EE
        20   00 00 00 00 00 00 00 00 00 00 00 00 AA 17 1A 20
        30   00 00 00 00 90 00 00 00 00 00 00 00 10 01 00 00
        40   00 00 00 00 48 00 00 00 09 00 09 51 02 04 0A 90
        50   0E 00 30 00 19 00 00 00 00 00 00 00 00 00 80 3F
        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 00 00 5C BF 51 9A 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 00 00 00 00 00 00 00 00 00 00 00 00 00
        D0   01 00 22 00 00 00 00 00 00 00 00 00 00 00 00 00
        E0   20 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        F0   03 00 64 34 9F 00 00 00 86 0F 05 00 00 00 00 00

Display Controller
bus 0 (0x00), device 2 (0x02), function 1 (0x01)
Common header
        Vendor ID   0x8086
        Model ID   0x27A6
        Revision ID   0x03
        PI   0x00
        SubClass   0x80
        BaseClass   0x03
        Cache Line   0x00
        Latency   0x00
        Header   0x80
PCI header
        Address 0 (memory)   0xEE180000
        Subvendor ID   0x17AA
        Subsystem ID   0x201A
        Int. Line   0x00
        Int. Pin   0x00
Capabilities
        Power Management Capability
                Offset   D0h
                Version   1.1

Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 A6 27 07 00 90 00 03 00 80 03 00 00 80 00
        10   00 00 18 EE 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 AA 17 1A 20
        30   00 00 00 00 D0 00 00 00 00 00 00 00 00 00 00 00
        40   00 00 00 00 48 00 00 00 09 00 09 51 02 04 0A 90
        50   0E 00 30 00 19 00 00 00 00 00 00 00 00 00 80 3F
        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   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 00 00 00 00 00 00 00 00 00 00 00 00 00
        D0   01 00 22 00 00 00 00 00 00 00 00 00 00 00 00 00

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        E0    20 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        F0    03 00 64 34 9F 00 00 00 86 0F 05 00 00 00 00 00


Multimedia device
bus 0 (0x00), device 27 (0x1B), function 0 (0x00)
Common header
        Vendor ID                   0x8086
        Model ID          0x27D8
        Revision ID                 0x02
        PI                          0x00
        SubClass          0x03
        BaseClass                   0x04
        Cache Line                  0x10
        Latency                     0x00
        Header                      0x00
PCI header
        Address 0 (memory)          0xEE240000
        Subvendor ID                0x17AA
        Subsystem ID                0x2010
        Int. Line                   0x11
        Int. Pin          0x02
Capabilities
        Power Management Capability
                Offset              50h
                Version             1.1
        Message Signalled Interrupts Capability
                Offset              60h
        PCI Express Capability
                Offset              70h
                Device type         Root Complex Integrated
Endpoint Device
                Port                0
                Version             1.0
                Link width          0x (max 0x)
Extended capabilities
        Virtual Channel
                Offset              100h
        Root Complex Link Declaration
                Offset              130h
                Link Entries #      1
                Port Number         15
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
    00    86 80 D8 27 06 01 10 00 02 00 03 04 10 00 00 00
    10    04 00 24 EE 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 AA 17 10 20
    30    00 00 00 00 50 00 00 00 00 00 00 00 11 02 00 00
    40    03 00 00 03 07 00 00 00 00 00 00 00 00 80 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 00 08 10 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 01 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 86 0F 02 00 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   80 00 00 81 00 00 00 00 00 00 00 00 00 00 00 00
    130   05 00 01 00 00 01 02 0F 00 00 00 00 00 00 00 00


PCI to PCI Bridge
bus 0 (0x00), device 28 (0x1C), function 0 (0x00)
Common header
        Vendor ID                   0x8086
        Model ID          0x27D0
        Revision ID                 0x02
        PI                          0x00
        SubClass          0x04
        BaseClass                   0x06
        Cache Line                  0x10
        Latency                     0x00
        Header                      0x81
PCI header
        Primary bus                 0x00
        Secondary bus               0x02
        Int. Line                   0x14
        Int. Pin          0x01
Capabilities
        PCI Express Capability
                Offset              40h
                Device type         Root Port of PCI-E Root
Complex
                Port                1
                Version             1.0
                Physical slot       #0
                Presence detect     yes
                Link width          1x (max 1x)
        Message Signalled Interrupts Capability
                Offset              80h
        Subsystem Vendor Capability
                Offset              90h
                Subsystem ID        0x2011
                Sub. Vendor ID      0x17AA
        Power Management Capability
                Offset              A0h
                Version             1.1
Extended capabilities
        Virtual Channel
                Offset              100h
```

```
        Root Complex Link Declaration
                Offset              180h
                Link Entries #      1
                Port Number         1
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
    00    86 80 D0 27 07 01 10 00 02 00 04 06 10 00 81 00
    10    00 00 00 00 00 00 00 00 00 02 02 00 20 20 00 00
    20    00 EE 00 EE 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 14 01 04 00
    40    10 80 41 01 C0 0F 00 00 00 00 11 00 11 2C 11 01
    50    42 00 11 30 E0 A0 10 00 28 00 40 01 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 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    90    0D A0 00 00 AA 17 11 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 00 00 00 00 00 00 00 80 00 11 C0 00 00 00 00
    E0    00 0F C7 00 06 07 08 00 00 00 00 00 00 00 00 00
    F0    00 00 00 00 00 00 00 00 86 0F 02 00 00 00 00 00
    100   02 00 01 18 01 00 00 00 01 00 00 00 00 00 00 00
    110   01 00 00 00 01 00 00 80 00 00 00 00 01 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


PCI to PCI Bridge
bus 0 (0x00), device 28 (0x1C), function 1 (0x01)
Common header
        Vendor ID                   0x8086
        Model ID          0x27D2
        Revision ID                 0x02
        PI                          0x00
        SubClass          0x04
        BaseClass                   0x06
        Cache Line                  0x10
        Latency                     0x00
        Header                      0x81
PCI header
        Primary bus                 0x00
        Secondary bus               0x03
        Int. Line                   0x15
        Int. Pin          0x02
Capabilities
        PCI Express Capability
                Offset              40h
                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)
        Message Signalled Interrupts Capability
                Offset              80h
        Subsystem Vendor Capability
                Offset              90h
                Subsystem ID        0x2011
                Sub. Vendor ID      0x17AA
        Power Management Capability
                Offset              A0h
                Version             1.1
Extended capabilities
        Virtual Channel
                Offset              100h
        Root Complex Link Declaration
                Offset              180h
                Link Entries #      1
                Port Number         2
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
    00    86 80 D2 27 07 01 10 00 02 00 04 06 10 00 81 00
    10    00 00 00 00 00 00 00 00 00 03 03 00 30 40 00 00
    20    00 EC F0 ED 01 E4 01 E4 00 00 00 00 00 00 00 00
    30    00 00 00 00 40 00 00 00 00 00 00 00 15 02 04 00
    40    10 80 41 01 C0 0F 00 00 00 00 11 00 11 2C 11 02
    50    42 00 11 30 E0 A0 18 00 00 00 48 01 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 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    90    0D A0 00 00 AA 17 11 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 00 00 00 00 00 00 00 80 00 11 00 00 00 00 00
    E0    00 0F C7 00 06 07 08 00 00 00 00 00 00 00 00 00
    F0    00 00 00 00 00 00 00 00 86 0F 02 00 00 00 00 00
    100   02 00 01 18 01 00 00 00 01 00 00 00 00 00 00 00
    110   01 00 00 00 01 00 00 80 00 00 00 00 01 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


PCI to PCI Bridge
bus 0 (0x00), device 28 (0x1C), function 2 (0x02)
Common header
        Vendor ID                   0x8086
        Model ID          0x27D4
        Revision ID                 0x02
        PI                          0x00
        SubClass          0x04
        BaseClass                   0x06
        Cache Line                  0x10
```

```
                Latency                 0x00
                Header                  0x81
PCI header
        Primary bus                     0x00
        Secondary bus                   0x04
        Int. Line                       0x16
        Int. Pin        0x03
Capabilities
        PCI Express Capability
                Offset                  40h
                Device type     Root Port of PCI-E Root
Complex
                Port            3
                Version         1.0
                Physical slot   #0
                Presence detect no
                Link width      0x (max 1x)
        Message Signalled Interrupts Capability
                Offset          80h
        Subsystem Vendor Capability
                Offset          90h
                Subsystem ID    0x2011
                Sub. Vendor ID  0x17AA
        Power Management Capability
                Offset          A0h
                Version         1.1
Extended capabilities
        Virtual Channel
                Offset          100h
        Root Complex Link Declaration
                Offset          180h
                Link Entries #  1
                Port Number     3
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 D4 27 07 01 10 00 02 00 04 06 10 00 81 00
    10    00 00 00 00 00 00 00 00 00 00 04 0B 00 50 60 00 20
    20    00 E8 F0 E9 11 E4 11 E4 00 00 00 00 00 00 00 00
    30    00 00 00 00 40 00 00 00 00 00 00 00 16 03 04 00
    40    10 80 41 01 C0 0F 00 00 00 00 10 00 11 4C 11 03
    50    00 00 01 10 E0 A0 20 00 28 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 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    90    0D A0 00 00 AA 17 11 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 00 00 00 00 00 00 00 80 00 11 C0 00 00 00 00
    E0    00 00 C7 00 06 07 08 00 00 00 00 00 00 00 00 00
    F0    00 00 00 00 00 00 00 00 86 0F 02 00 00 00 00 00
    100   02 00 01 18 01 00 00 00 01 00 00 00 00 00 00 00
    110   01 00 00 00 FF 00 00 80 00 00 00 00 01 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


PCI to PCI Bridge
bus 0 (0x00), device 28 (0x1C), function 3 (0x03)
Common header
        Vendor ID                       0x8086
        Model ID        0x27D6
        Revision ID                     0x02
        PI                              0x00
        SubClass        0x04
        BaseClass                       0x06
        Cache Line                      0x10
        Latency                         0x00
        Header                          0x81
PCI header
        Primary bus                     0x00
        Secondary bus                   0x0C
        Int. Line                       0x17
        Int. Pin        0x04
Capabilities
        PCI Express Capability
                Offset                  40h
                Device type     Root Port of PCI-E Root
Complex
                Port            4
                Version         1.0
                Physical slot   #0
                Presence detect no
                Link width      0x (max 1x)
        Message Signalled Interrupts Capability
                Offset          80h
        Subsystem Vendor Capability
                Offset          90h
                Subsystem ID    0x2011
                Sub. Vendor ID  0x17AA
        Power Management Capability
                Offset          A0h
                Version         1.1
Extended capabilities
        Virtual Channel
                Offset          100h
        Root Complex Link Declaration
                Offset          180h
                Link Entries #  1
                Port Number     4
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 D6 27 07 01 10 00 02 00 04 06 10 00 81 00
    10    00 00 00 00 00 00 00 00 00 0C 13 00 70 80 00 20
    20    00 EA F0 EB 21 E4 21 E4 00 00 00 00 00 00 00 00
```

```
    30    00 00 00 00 40 00 00 00 00 00 00 00 17 04 04 00
    40    10 80 41 01 C0 0F 00 00 00 00 10 00 11 4C 11 04
    50    00 00 01 10 E0 A0 28 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 90 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    90    0D A0 00 00 AA 17 11 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 00 00 00 00 00 00 00 80 00 11 00 00 00 00 00
    E0    00 00 C7 00 06 07 08 00 00 00 00 00 00 00 00 00
    F0    00 00 00 00 00 00 00 00 86 0F 02 00 00 00 00 00
    100   02 00 01 18 01 00 00 00 01 00 00 00 00 00 00 00
    110   01 00 00 00 FF 00 00 80 00 00 00 00 01 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


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 0 (0x00)
Common header
        Vendor ID                       0x8086
        Model ID        0x27C8
        Revision ID                     0x02
        PI                              0x00
        SubClass        0x03
        BaseClass                       0x0C
        Cache Line                      0x00
        Latency                         0x00
        Header                          0x80
PCI header
        Address 4 (port) 0x00001820
        Subvendor ID                    0x17AA
        Subsystem ID                    0x200A
        Int. Line                       0x10
        Int. Pin        0x01
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 C8 27 05 00 80 02 02 00 03 0C 00 00 80 00
    10    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20    21 18 00 00 00 00 00 00 00 00 00 00 AA 17 0A 20
    30    00 00 00 00 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
    50    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    60    10 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 2F 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 86 0F 02 00 00 00 00 00


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 1 (0x01)
Common header
        Vendor ID                       0x8086
        Model ID        0x27C9
        Revision ID                     0x02
        PI                              0x00
        SubClass        0x03
        BaseClass                       0x0C
        Cache Line                      0x00
        Latency                         0x00
        Header                          0x00
PCI header
        Address 4 (port) 0x00001840
        Subvendor ID                    0x17AA
        Subsystem ID                    0x200A
        Int. Line                       0x11
        Int. Pin        0x02
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 C9 27 05 00 80 02 02 00 03 0C 00 00 00 00
    10    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20    41 18 00 00 00 00 00 00 00 00 00 00 AA 17 0A 20
    30    00 00 00 00 00 00 00 00 00 00 00 00 11 02 00 00
    40    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    50    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    60    10 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 2F 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 86 0F 02 00 00 00 00 00


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 2 (0x02)
Common header
        Vendor ID                       0x8086
        Model ID        0x27CA
        Revision ID                     0x02
        PI                              0x00
        SubClass        0x03
        BaseClass                       0x0C
        Cache Line                      0x00
```

```
              Latency                    0x00
              Header                     0x00
PCI header
              Address 4 (port) 0x00001860
              Subvendor ID               0x17AA
              Subsystem ID               0x200A
              Int. Line                  0x12
              Int. Pin        0x03
Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 CA 27 05 00 80 02 02 00 03 0C 00 00 00 00
        10   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        20   61 18 00 00 00 00 00 00 00 00 00 00 AA 17 0A 20
        30   00 00 00 00 00 00 00 00 00 00 00 00 12 03 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   10 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 2F 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 86 0F 02 00 00 00 00 00

USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 3 (0x03)
Common header
              Vendor ID                  0x8086
              Model ID        0x27CB
              Revision ID                0x02
              PI                         0x00
              SubClass        0x03
              BaseClass                  0x0C
              Cache Line                 0x00
              Latency                    0x00
              Header                     0x00
PCI header
              Address 4 (port) 0x00001880
              Subvendor ID               0x17AA
              Subsystem ID               0x200A
              Int. Line                  0x13
              Int. Pin        0x04
Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 CB 27 05 00 80 02 02 00 03 0C 00 00 00 00
        10   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        20   81 18 00 00 00 00 00 00 00 00 00 00 AA 17 0A 20
        30   00 00 00 00 00 00 00 00 00 00 00 00 13 04 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   10 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 2F 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 86 0F 02 00 00 00 00 00

USB 2.0 Controller (EHCI)
bus 0 (0x00), device 29 (0x1D), function 7 (0x07)
Common header
              Vendor ID                  0x8086
              Model ID        0x27CC
              Revision ID                0x02
              PI                         0x20
              SubClass        0x03
              BaseClass                  0x0C
              Cache Line                 0x00
              Latency                    0x00
              Header                     0x00
PCI header
              Address 0 (memory)         0xEE444000
              Subvendor ID               0x17AA
              Subsystem ID               0x200B
              Int. Line                  0x13
              Int. Pin        0x04
Capabilities
              Power Management Capability
                       Offset            50h
                       Version           1.1
              Debug Port Capability
                       Offset            58h
Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 CC 27 06 01 90 02 02 20 03 0C 00 00 00 00
        10   00 40 44 EE 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 AA 17 0B 20
        30   00 00 00 00 00 00 00 00 00 00 00 00 13 04 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 00 0A 00 A0 20 00 00 00
        60   20 20 9F 01 00 00 00 00 01 00 00 00 00 00 00 C0
        70   00 00 D7 3F 00 00 00 00 00 00 00 00 00 00 00 00
        80   00 00 00 00 11 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 AA FF 00 FF 00 FF 00 20 00 00 88
        E0   00 00 00 00 DB B6 6D 00 00 00 00 00 00 00 00 00
        F0   00 80 00 09 88 85 40 00 86 0F 02 00 06 17 02 20

PCI to PCI Bridge
bus 0 (0x00), device 30 (0x1E), function 0 (0x00)
Common header
              Vendor ID                  0x8086
              Model ID        0x2448
              Revision ID                0xE2
              PI                         0x01
              SubClass        0x04
              BaseClass                  0x06
              Cache Line                 0x00
              Latency                    0x00
              Header                     0x01
PCI header
              Primary bus                0x00
              Secondary bus              0x15
              Int. Line                  0xFF
              Int. Pin        0x00
Capabilities
              Subsystem Vendor Capability
                       Offset            50h
                       Subsystem ID      0x2013
                       Sub. Vendor ID    0x17AA
Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 48 24 07 00 10 00 E2 01 04 06 00 00 01 00
        10   00 00 00 00 00 00 00 00 00 15 18 20 90 C0 80 22
        20   30 E4 F0 E7 01 E0 F1 E3 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 00
        50   0D 00 00 00 AA 17 13 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 86 0F 02 00 00 00 00 00

PCI to ISA Bridge
bus 0 (0x00), device 31 (0x1F), function 0 (0x00)
Common header
              Vendor ID                  0x8086
              Model ID        0x27B9
              Revision ID                0x02
              PI                         0x00
              SubClass        0x01
              BaseClass                  0x06
              Cache Line                 0x00
              Latency                    0x00
              Header                     0x80
PCI header
              Subvendor ID               0x17AA
              Subsystem ID               0x2009
              Int. Line                  0x00
              Int. Pin        0x00
Capabilities
              Vendor Dependant Capability
                       Offset            E0h
Dump
              0 1 2 3 4 5 6 7 8 9 A B C D E F
        00   86 80 B9 27 07 00 10 02 02 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 AA 17 09 20
        30   00 00 00 00 E0 00 00 00 00 00 00 00 00 00 00 00
        40   01 10 00 00 80 00 00 00 81 11 00 00 10 00 00 00
        50   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        60   8B 8B 8B 8B 92 00 00 00 8B 8B 8B 8B 00 00 00 00
        70   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        80   10 02 0E 1F 01 16 7C 00 E1 15 0C 00 81 16 1C 00
        90   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        A0   24 06 00 00 00 00 00 13 1C 0A 00 00 03 00 00 00
        B0   00 00 F0 00 00 00 00 00 00 00 12 0A 00 00 00 00
        C0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        D0   44 12 11 00 67 45 00 00 C0 FF 00 00 01 00 00 00
        E0   09 00 0C 10 B4 02 24 17 00 00 00 00 00 00 00 00
        F0   01 C0 D1 FE 00 00 00 00 86 0F 02 00 00 00 00 00

IDE Controller
bus 0 (0x00), device 31 (0x1F), function 1 (0x01)
Common header
              Vendor ID                  0x8086
              Model ID        0x27DF
              Revision ID                0x02
              PI                         0x8A
              SubClass        0x01
              BaseClass                  0x01
              Cache Line                 0x00
              Latency                    0x00
              Header                     0x00
PCI header
              Address 4 (port) 0x00001810
              Subvendor ID               0x17AA
              Subsystem ID               0x200C
              Int. Line                  0xFF
              Int. Pin        0x03
```

```
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
     00    86 80 DF 27 05 00 80 02 02 8A 01 01 00 00 00 00
     10    01 00 00 00 01 00 00 00 01 00 00 00 01 00 00 00
     20    11 18 00 00 01 00 00 00 01 00 00 00 AA 17 0C 20
     30    00 00 00 00 00 00 00 00 00 00 00 00 FF 03 00 00
     40    03 A3 00 00 01 00 00 00 01 00 02 00 00 00 00 00
     50    00 00 00 00 10 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 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 86 0F 02 00 00 00 00 00
```

Serial ATA Controller
bus 0 (0x00), device 31 (0x1F), function 2 (0x02)
Common header
        Vendor ID   0x8086
        Model ID   0x27C5
        Revision ID   0x02
        PI   0x01
        SubClass   0x06
        BaseClass   0x01
        Cache Line   0x00
        Latency   0x00
        Header   0x00
PCI header
        Address 0 (port) 0x000018D0
        Address 1 (port) 0x000018C4
        Address 2 (port) 0x000018C8
        Address 3 (port) 0x000018C0
        Address 4 (port) 0x000018B0
        Address 5 (memory)   0xEE444400
        Subvendor ID   0x17AA
        Subsystem ID   0x200D
        Int. Line   0x10
        Int. Pin   0x02
Capabilities
        Message Signalled Interrupts Capability
                Offset   80h
        Power Management Capability
                Offset   70h
                Version   1.1
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
     00   86 80 C5 27 07 00 B0 02 02 01 06 01 00 00 00 00
     10   D1 18 00 00 C5 18 00 00 C9 18 00 00 C1 18 00 00
     20   B1 18 00 00 00 44 44 EE 00 00 00 00 AA 17 0D 20
     30   00 00 00 00 80 00 00 00 00 00 00 00 10 02 00 00
     40   07 A3 00 80 00 00 00 00 01 00 02 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 00 02 40 00 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   40 00 11 10 80 01 00 4A 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 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 86 0F 02 00 00 00 00 00
```

SMBus Controller
bus 0 (0x00), device 31 (0x1F), function 3 (0x03)
Common header
        Vendor ID   0x8086
        Model ID   0x27DA
        Revision ID   0x02
        PI   0x00
        SubClass   0x05
        BaseClass   0x0C
        Cache Line   0x00
        Latency   0x00
        Header   0x00
PCI header
        Address 4 (port) 0x000018E0
        Subvendor ID   0x17AA
        Subsystem ID   0x200F
        Int. Line   0x0B
        Int. Pin   0x01
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
     00   86 80 DA 27 01 01 80 02 02 00 05 0C 00 00 00 00
     10   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
     20   E1 18 00 00 00 00 00 00 00 00 00 00 AA 17 0F 20
     30   00 00 00 00 00 00 00 00 00 00 00 00 0B 01 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   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 86 0F 02 00 00 00 00 00
```

Ethernet Controller
bus 2 (0x02), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID                       0x8086
        Model ID            0x109A
        Revision ID                     0x00
        PI                              0x00
        SubClass            0x00
        BaseClass                       0x02
        Cache Line                      0x10
        Latency                         0x00
        Header                          0x00
PCI header
        Address 0 (memory)              0xEE000000
        Address 2 (port) 0x00002000
        Subvendor ID                    0x17AA
        Subsystem ID                    0x2001
        Int. Line                       0x10
        Int. Pin            0x01
Capabilities
        Power Management Capability
                Offset                  C8h
                Version                 1.1
        Message Signalled Interrupts Capability
                Offset                  D0h
        PCI Express Capability
                Offset                  E0h
                Device type     PCI-E Endpoint Device
                Port            0
                Version                 1.0
                Link width      1x (max 1x)
Extended capabilities
        Advanced Error Reporting Capability
                Offset                  100h
        Device Serial Number
                Offset                  140h
Dump
            0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
     00    86 80 9A 10 07 01 10 00 00 00 00 02 10 00 00 00
     10    00 00 00 EE 00 00 00 00 01 20 00 00 00 00 00 00
     20    00 00 00 00 00 00 00 00 00 00 00 00 AA 17 01 20
     30    00 00 00 00 C8 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    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 22 C8 00 20 00 0F
     D0    05 E0 80 00 00 00 00 00 00 00 00 00 00 00 00 00
     E0    10 00 01 00 C1 0C 00 00 10 28 1B 00 11 1C 07 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 10 00 00 00 00 00 11 20 06 00
     110   40 00 00 00 00 00 00 00 14 00 00 00 01 00 00 04
     120   0F 05 00 00 01 01 02 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
```

Ethernet Controller
bus 3 (0x03), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID   0x168C
        Model ID   0x1014
        Revision ID   0x01
        PI   0x00
        SubClass   0x00
        BaseClass   0x02
        Cache Line   0x10
        Latency   0x00
        Header   0x00
PCI header
        Address 0 (memory)   0xEDF00000
        Subvendor ID   0x1014
        Subsystem ID   0x058A
        Int. Line   0x11
        Int. Pin   0x01
Capabilities
        Power Management Capability
                Offset   40h
                Version   1.1
        Message Signalled Interrupts Capability
                Offset   50h
        PCI Express Capability
                Offset   60h
                Device type   Legacy PCI-E Endpoint Device
                Port   0
                Version   1.0
                Link width   1x (max 1x)
        MSI-X Capability
                Offset   90h
Extended capabilities
        Advanced Error Reporting Capability
                Offset   100h
        Virtual Channel
                Offset   140h
Dump
            0 1 2 3 4 5 6 7 8 9 A B C D E F
     00   8C 16 14 10 47 01 10 00 01 00 00 02 10 00 00 00
     10   04 00 F0 ED 00 00 00 00 00 00 00 00 00 00 00 00
     20   00 00 00 00 00 00 00 00 01 50 00 00 14 10 8A 05
     30   00 00 00 00 40 00 00 00 00 00 00 00 11 01 00 00
```

```
         40    01 50 C2 01 00 00 00 00 00 00 00 00 00 00 00 00
         50    05 60 00 00 00 00 00 00 00 00 00 00 00 00 00 00
         60    10 90 11 00 C0 0C 04 05 10 20 0A 00 11 3C 03 00
         70    4A 00 11 10 00 00 00 00 C0 03 00 00 00 00 00 00
         80    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
         90    11 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
         A0    04 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    01 00 01 14 00 00 10 00 00 00 00 00 11 20 06 00
        110    00 00 00 00 00 00 00 00 B4 00 00 00 01 00 00 04
        120    0F 0D 00 00 00 01 01 02 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


PCI to CardBus Bridge
bus 21 (0x15), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID               0x104C
        Model ID        0xAC56
        Revision ID             0x00
        PI                      0x00
        SubClass        0x07
        BaseClass               0x06
        Cache Line              0x08
        Latency                 0xA8
        Header                  0x02
PCI header
Capabilities
        Power Management Capability
                Offset          A0h
                Version         1.1
Dump
              0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00    4C 10 56 AC 07 00 10 02 00 00 07 06 08 A8 02 00
        10    00 00 30 E4 A0 00 00 02 15 16 18 B0 00 F0 BF FE
        20    00 F0 BF FE 00 F0 BF FA 00 E0 BF FE 00 FF 00 00
        30    FC FF 00 00 00 FE 00 00 FC FE 00 00 10 01 C0 00
        40    AA 17 12 20 01 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    70 D0 44 08 00 00 00 00 00 00 00 00 02 10 D0 01
        90    C0 22 64 40 00 00 00 00 00 00 00 00 00 00 00 00
        A0    01 00 12 FE 00 00 C0 00 07 00 00 00 0F 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
--------------------------------------------------------------
--------------

DMI BIOS
--------
        vendor          LENOVO
        version         79ETD1WW (2.11 )
        date            03/15/2007

DMI System Information
----------------------
        manufacturer    LENOVO
        product         1951BU2
        version         ThinkPad T60
        serial          L3HFL41
        UUID            6F4F1201-492D11CB-8E838187-67E22DCF

DMI Baseboard
-------------
        vendor          LENOVO
        model           1951BU2
        revision Not Available
        serial          VF0R47461NG

DMI System Enclosure
--------------------
        manufacturer    LENOVO
        chassis type    Notebook
        chassis serial  Not Available

DMI Processor
-------------
        manufacturer    GenuineIntel
        model           Genuine Intel(R) CPU
        clock speed     1833.0MHz
        FSB speed       167.0MHz
        multiplier      11.0x

DMI Memory Controller
---------------------
        correction      unknown
        Max module size 2048MBytes
```

```
DMI Memory Module
-----------------
        designation     DIMM Slot 1
        size            1024MBytes (double bank)

DMI Memory Module
-----------------
        designation     DIMM Slot 2

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     Infrared (external)
        connector       Infrared

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     External Monitor (external)
        port type       Video Port
        connector       DB-15 female

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     Microphone Jack (external)
        port type       Audio Port
        connector       Mini Jack (headphones)

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     Headphone Jack (external)
        port type       Audio Port
        connector       Mini Jack (headphones)

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     Ethernet (external)
        port type       Network Port
        connector       RJ-45

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     USB 1 (external)
        port type       USB
        connector       Access Bus (USB)

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     USB 2 (external)
        port type       USB
        connector       Access Bus (USB)

DMI Port Connector
------------------
        designation     Not Available (internal)
        designation     USB 3 (external)
        port type       USB
        connector       Access Bus (USB)

DMI Extension Slot
------------------
        designation     ExpressCard Slot 1
        type            A5
        populated       no

DMI Extension Slot
------------------
        designation     CardBus Slot 1
        type            PCMCIA
        width           32 bits
        populated       no

DMI Physical Memory Array
-------------------------
        location Motherboard
        usage           System Memory
        correction      None
        max capacity    2048MBytes
        max# of devices 2

DMI Memory Device
-----------------
        designation     DIMM 1
        format          SODIMM
        type            unknown
        total width     64bits
        data width      64bits
```

```
        size            1024MBytes


DMI Memory Device
-----------------
        designation     DIMM 2
        format          SODIMM
        type            unknown


Software
---------------------------------------------------------------
---------------

Windows Version         Microsoft Windows XP Professional
Service Pack 2 (Build 2600)
DirectX Version         9.0c


Resources
---------------------------------------------------------------
---------------

Memory I/O Space, BA=0x00000000EE100000
Port I/O Space, BA=0x1800
Memory I/O Space, BA=0x00000000D0000000
Memory I/O Space, BA=0x00000000EE200000
Memory I/O Space, BA=0x00000000EE180000
Memory I/O Space, BA=0x00000000EE240000
Port I/O Space, BA=0x1820
Port I/O Space, BA=0x1840
Port I/O Space, BA=0x1860
Port I/O Space, BA=0x1880
Memory I/O Space, BA=0x00000000EE444000
Port I/O Space, BA=0x1810
Port I/O Space, BA=0x18D0
Port I/O Space, BA=0x18C4
Port I/O Space, BA=0x18C8
Port I/O Space, BA=0x18C0
Port I/O Space, BA=0x18B0
Memory I/O Space, BA=0x00000000EE444400
Port I/O Space, BA=0x18E0
Memory I/O Space, BA=0x00000000EE000000
Port I/O Space, BA=0x2000
Memory I/O Space, BA=0x00000000EDF00000
Memory I/O Space, BA=0x00000000E4300000
Memory I/O Space, BA=0x00000000F0000000, size=0x1000
Port I/O Space, BA=0x1008, size=0x4
Memory I/O Space, BA=0x00000000FEE00000, size=0x1000
Memory I/O Space, BA=0x00000000FED14000, size=0x1000
Memory I/O Space, BA=0x00000000FED1C000
```

Think Pad T42

```
-------------------------
  CPU-Z version 1.43
-------------------------
```

Processors Map
```
--------------------------------------------------------------
---------------------
```

```
Number of processors    1
Number of threads1
```

```
Processor 0
    -- Core 0
       -- Thread 0
```

Processors Information
```
--------------------------------------------------------------
---------------------
```

```
Processor 1 (ID = 0)
Number of cores        1 (max 1)
Number of threads1 (max 1)
Name                   Intel Pentium M 725
Codename       Dothan
Specification          Intel(R) Pentium(R) M processor
1.60GHz
Package                Socket 479 mPGA (platform ID = 5h)
CPUID                  6.D.6
Extended CPUID         6.D
Brand ID      22
Core Stepping          B1
Technology             90 nm
Core Speed             1598.7 MHz (16.0 x 99.9 MHz)
Rated Bus speed        399.7 MHz
Stock frequency        1600 MHz
Instruction setsMMX, SSE, SSE2
L1 Data cache          32 KBytes, 8-way set associative, 64-
byte line size
L1 Instruction cache   32 KBytes, 8-way set associative, 64-
byte line size
L2 cache        2048 KBytes, 8-way set associative, 64-byte
line size
FID/VID Control        yes
FID range              6.0x - 16.0x
max VID                1.340 V
Features
```

Thread dumps
```
--------------------------------------------------------------
---------------------
```

```
CPU Thread 0
APIC ID                0
Topology       Processor ID 0, Core ID 0, Thread ID 0
Type                   01002001h
Max CPUID level        00000002h
Max CPUID ext. level   80000004h
```

Function	eax	ebx	ecx
	edx		
0x00000000		0x00000002	0x756E6547
	0x6C65746E	0x49656E69	
0x00000001		0x000006D6	0x00000816
	0x00000180	0xAFE9F9BF	
0x00000002		0x02B3B001	0x000000F0
	0x00000000	0x2C04307D	
0x80000000		0x80000004	0x00000000
	0x00000000	0x00000000	
0x80000001		0x00000000	0x00000000
	0x00000000	0x00000000	
0x80000002		0x20202020	0x20202020
	0x65746E49	0x2952286C	
0x80000003		0x6E655020	0x6D756974
	0x20295228	0x7270204D	
0x80000004		0x7365636F	0x20726F73
	0x30362E31	0x007A4847	

```
Cache descriptor Level 1 I       32 KB    1 threads
Cache descriptor Level 1 D       32 KB    1 threads
Cache descriptor Level 2 U        2 MB    1 threads
```

```
MSR 0x000001A0         edx = 0x00000000 eax = 0x00111088
MSR 0x00000017         edx = 0x00140000 eax = 0xD0248828
MSR 0x00000198         edx = 0x06121028 eax = 0x06001028
MSR 0x00000199         edx = 0x00000000 eax = 0x00001028
```

Chipset
```
--------------------------------------------------------------
---------------
```

```
Northbridge            Intel i855PM rev. A3
Southbridge            Intel 82801DB (ICH4-M) rev. 01
Graphic InterfaceAGP
AGP Revision           2.0
AGP Transfer Rate4x
AGP SBA                supported, enabled
Memory Type            DDR
Memory Size            1024 MBytes
```

```
Memory Frequency 166.5 MHz (3:5)
```

```
CAS#                    2.5
RAS# to CAS#            3
RAS# Precharge          3
Cycle Time (tRAS)7
```

Memory SPD
```
----------------------------------------------------------------
---------------
```

```
DIMM #1
```

```
General
Memory type            DDR
Manufacturer (ID)Hyundai Electronics (AD00000000000000)
Size                   1024 MBytes
Max bandwidth          PC2700 (166 MHz)
Part number            HYMD512M646BF8-J
Serial number          FFFF0422
Manufacturing date     Week 16/Year 05
```

```
Attributes
Number of banks        2
Data width             64 bits
Correction             None
Registered             no
Buffered        no
Nominal Voltage        2.50 Volts
EPP                    no
XMP                    no
```

```
Timings table
Frequency (MHz)        133       166
CAS#                   2.0       2.5
RAS# to CAS# delay     3         3
RAS# Precharge         3         3
TRAS                   6         7
```

```
Dump Module #1
      0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
00    80 08 07 0D 0B 02 40 00 04 60 70 00 82 08 00 01
10    0E 04 0C 01 02 20 C0 75 70 00 48 30 48 2A 80
20    75 75 45 45 00 00 00 00 00 3C 48 30 28 50 00 00
30    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 38
40    AD 00 00 00 00 00 00 01 48 59 4D 44 35 31 32
50    4D 36 34 36 42 46 38 2D 4A 20 20 41 41 05 10 FF
60    FF 04 22 00 00 00 00 00 00 00 00 00 00 00 00 38
70    49 35 33 4E 30 30 35 36 31 2D 30 31 20 00 00 00
80    49 6E 74 65 6C 43 6F 72 70 6F 72 61 74 69 6F 6E
90    44 38 34 35 50 45 53 56 00 00 00 00 00 00 00 00
A0    01 03 02 05 02 03 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        2373R94 (0x18E - 0x441B54)
```

LPCIO
```
----------------------------------------------------------------
```

```
Vendor                 NS
Vendor ID              0xFF02
Chip ID                0xEA
Revision ID            0x3
Config Mode I/O address   0x2E
```

```
Dump config mode register space, LDN = 0x9
      0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
00    00 00 00 00 00 00 00 00 09 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    EA 11 00 00 17 A0 08 03 00 1E B7 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 04 04 00 00 00 00 00 00 00 00 00 00
```

PCI Device List
```
----------------------------------------------------------------
---------------
```

```
Host Bridge
bus 0 (0x00), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID                0x8086
        Model ID       0x3340
        Revision ID              0x03
        PI                       0x00
        SubClass       0x00
        BaseClass                0x06
        Cache Line               0x00
        Latency                  0x00
        Header                   0x00
PCI header
        Address 0 (memory)       0xD0000000
        Subvendor ID             0x1014
        Subsystem ID             0x0529
```

```
                        Int. Line                    0x00
                        Int. Pin          0x00
Capabilities
        Vendor Dependant Capability
                Offset                    E4h
        AGP Capability
                Offset                    A0h
                Version                   2.0
                Status                    enabled
                Transfer rate             4x (max 4x)
                Queue lenght              1 (max 32)
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 40 33 06 01 90 20 03 00 00 06 00 00 00 00
        10      08 00 00 D0 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 14 10 29 05
        30      00 00 00 00 E4 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 02 00 00 00 00 00 00 00 00 00 00 00 27 00 00
        60      10 20 20 20 00 00 00 00 00 00 00 00 00 00 00 00
        70      04 00 00 00 00 00 00 00 00 00 02 2D 71 32 40 30
        80      71 00 80 05 00 00 00 00 10 01 00 00 00 00 00 00
        90      10 11 11 01 30 11 11 00 41 19 00 00 00 1A 7D 00
        A0      02 00 20 00 17 02 00 1F 14 03 00 00 00 00 00 00
        B0      80 00 00 00 00 00 00 00 00 40 12 00 20 10 00 00
        C0      44 40 50 11 00 40 05 06 00 00 00 00 00 00 00 00
        D0      02 28 00 0E 0B 00 30 00 00 31 B5 00 00 02 00
        E0      00 00 00 00 09 A0 04 41 00 00 00 00 00 00 00 00
        F0      00 00 01 00 74 FC 20 80 38 0F 21 00 04 00 00 00


PCI to PCI Bridge
bus 0 (0x00), device 1 (0x01), function 0 (0x00)
Common header
        Vendor ID                        0x8086
        Model ID          0x3341
        Revision ID                      0x03
        PI                               0x00
        SubClass          0x04
        BaseClass                        0x06
        Cache Line                       0x00
        Latency                          0x60
        Header                           0x01
PCI header
        Primary bus                      0x00
        Secondary bus                    0x01
        Int. Line                        0x00
        Int. Pin          0x00
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 41 33 07 01 A0 00 03 00 04 06 00 60 01 00
        10      00 00 00 00 00 00 00 00 01 01 40 30 30 A0 22
        20      10 C0 10 C0 00 E0 F0 E7 00 00 00 00 00 00 00 00
        30      00 00 00 00 00 00 00 00 00 00 00 00 0C 00
        40      00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        50      D4 95 FF 1F 41 F4 09 00 9C 0B 94 0C 71 FE 03 00
        60      01 00 00 00 52 48 80 00 B2 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


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 0 (0x00)
Common header
        Vendor ID                        0x8086
        Model ID          0x24C2
        Revision ID                      0x01
        PI                               0x00
        SubClass          0x03
        BaseClass                        0x0C
        Cache Line                       0x00
        Latency                          0x00
        Header                           0x80
PCI header
        Address 4 (port) 0x00001800
        Subvendor ID                     0x1014
        Subsystem ID                     0x052D
        Int. Line                        0x0B
        Int. Pin          0x01
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 C2 24 05 00 80 02 01 00 03 0C 00 00 80 00
        10      00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        20      01 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
        30      00 00 00 00 00 00 00 00 00 00 00 00 0B 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      10 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 2F 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 60 0F 00 00 00 00 00 00
```

```
USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 1 (0x01)
Common header
        Vendor ID                        0x8086
        Model ID          0x24C4
        Revision ID                      0x01
        PI                               0x00
        SubClass          0x03
        BaseClass                        0x0C
        Cache Line                       0x00
        Latency                          0x00
        Header                           0x00
PCI header
        Address 4 (port) 0x00001820
        Subvendor ID                     0x1014
        Subsystem ID                     0x052D
        Int. Line                        0x0B
        Int. Pin          0x02
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 C4 24 05 00 80 02 01 00 03 0C 00 00 00 00
        10      00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        20      21 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
        30      00 00 00 00 00 00 00 00 00 00 00 00 0B 02 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      10 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 2F 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 60 0F 00 00 00 00 00 00


USB Controller (UHCI)
bus 0 (0x00), device 29 (0x1D), function 2 (0x02)
Common header
        Vendor ID                        0x8086
        Model ID          0x24C7
        Revision ID                      0x01
        PI                               0x00
        SubClass          0x03
        BaseClass                        0x0C
        Cache Line                       0x00
        Latency                          0x00
        Header                           0x00
PCI header
        Address 4 (port) 0x00001840
        Subvendor ID                     0x1014
        Subsystem ID                     0x052D
        Int. Line                        0x0B
        Int. Pin          0x03
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 C7 24 05 00 80 02 01 00 03 0C 00 00 00 00
        10      00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        20      41 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
        30      00 00 00 00 00 00 00 00 00 00 00 00 0B 03 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      10 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 2F 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 60 0F 00 00 00 00 00 00


USB 2.0 Controller (EHCI)
bus 0 (0x00), device 29 (0x1D), function 7 (0x07)
Common header
        Vendor ID                        0x8086
        Model ID          0x24CD
        Revision ID                      0x01
        PI                               0x20
        SubClass          0x03
        BaseClass                        0x0C
        Cache Line                       0x00
        Latency                          0x00
        Header                           0x00
PCI header
        Address 0 (memory)               0xC0000000
        Subvendor ID                     0x1014
        Subsystem ID                     0x052E
        Int. Line                        0x0B
        Int. Pin          0x04
Capabilities
        Power Management Capability
                Offset                   50h
                Version                  1.1
        Debug Port Capability
                Offset                   58h
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 CD 24 06 01 90 02 01 20 03 0C 00 00 00 00
        10      00 00 00 C0 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 14 10 2E 05
30    00 00 00 00 50 00 00 00 00 00 00 00 0B 04 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 00 0A 00 80 20 00 00 00
60    20 20 1F 00 00 00 00 00 01 00 00 00 00 00 00 C0
70    00 00 C7 0F 00 00 00 00 00 00 00 00 00 00 00 00
80    00 00 00 00 01 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 3F 00
E0    00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
F0    78 BF 1F 00 88 83 00 00 60 0F 00 00 06 00 00 00
```

PCI to PCI Bridge
bus 0 (0x00), device 30 (0x1E), function 0 (0x00)
Common header
           Vendor ID   0x8086
           Model ID   0x2448
           Revision ID   0x81
           PI   0x00
           SubClass   0x04
           BaseClass   0x06
           Cache Line   0x00
           Latency   0x00
           Header   0x01
PCI header
           Primary bus   0x00
           Secondary bus   0x02
           Int. Line   0x00
           Int. Pin   0x00
Dump
           0 1 2 3 4 5 6 7 8 9 A B C D E F
    00   86 80 48 24 07 01 80 80 81 00 04 06 00 00 01 00
    10   00 00 00 00 00 00 00 00 00 02 08 A8 40 80 80 22
    20   20 C0 F0 CF 00 E8 F0 EF 00 00 00 00 00 00 00 00
    30   00 00 00 00 00 00 00 00 00 00 00 00 00 00 04 00
    40   02 28 20 00 00 00 00 00 00 00 00 00 00 00 00 00
    50   02 74 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   40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    80   00 00 0A 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   10 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00
    B0   01 00 02 00 00 00 C0 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 60 0F 00 00 00 00 2E 48
```

PCI to ISA Bridge
bus 0 (0x00), device 31 (0x1F), function 0 (0x00)
Common header
           Vendor ID   0x8086
           Model ID   0x24CC
           Revision ID   0x01
           PI   0x00
           SubClass   0x01
           BaseClass   0x06
           Cache Line   0x00
           Latency   0x00
           Header   0x80
PCI header
           Subvendor ID   0x0000
           Subsystem ID   0x0000
           Int. Line   0x00
           Int. Pin   0x00
Dump
           0 1 2 3 4 5 6 7 8 9 A B C D E F
    00   86 80 CC 24 0F 00 80 02 01 00 01 06 00 00 80 00
    10   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    30   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    40   01 10 00 00 10 00 00 00 00 00 00 00 00 00 00 00
    50   00 00 00 00 00 00 00 00 81 11 00 00 10 00 00 00
    60   0B 0B 0B 0B 92 00 00 00 80 80 80 0B 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   FF FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    A0   24 02 00 00 00 00 00 00 0D 00 00 00 00 00 08 00
    B0   00 00 00 00 00 00 00 00 00 00 02 0A 00 00 00 00
    C0   10 00 00 00 E0 15 00 00 00 00 00 00 00 0F 00 00
    D0   07 28 00 00 02 0F 00 00 0C 00 00 00 00 00 00 00
    E0   10 02 00 FF 01 16 0E 3C 33 22 11 00 00 00 67 45
    F0   00 00 00 00 00 00 00 00 60 0F 03 00 00 80 00 00
```

IDE Controller
bus 0 (0x00), device 31 (0x1F), function 1 (0x01)
Common header
           Vendor ID                  0x8086
           Model ID          0x24CA
           Revision ID                0x01
           PI                         0x8A
           SubClass          0x01
           BaseClass                  0x01
           Cache Line                 0x00
           Latency                    0x00
           Header                     0x00
PCI header
           Address 4 (port) 0x00001860
           Address 5 (memory)         0xFEBFFC00

           Subvendor ID               0x1014
           Subsystem ID               0x052D
           Int. Line                  0xFF
           Int. Pin          0x01
Dump
           0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 CA 24 07 00 80 02 01 8A 01 01 00 00 00 00
    10    01 00 00 00 01 00 00 00 01 00 00 00 01 00 00 00
    20    61 18 00 00 00 FC BF FE 00 00 00 00 14 10 2D 05
    30    00 00 00 00 00 00 00 00 00 00 00 00 FF 01 00 00
    40    07 A3 03 A3 00 00 00 00 05 00 01 02 00 00 00 00
    50    00 00 00 00 51 14 00 00 00 00 00 00 00 00 00 00
    60    08 00 00 00 00 00 00 00 08 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 60 0F 00 00 00 00 00 00
```

SMBus Controller
bus 0 (0x00), device 31 (0x1F), function 3 (0x03)
Common header
           Vendor ID   0x8086
           Model ID   0x24C3
           Revision ID   0x01
           PI   0x00
           SubClass   0x05
           BaseClass   0x0C
           Cache Line   0x00
           Latency   0x00
           Header   0x00
PCI header
           Address 4 (port) 0x00001880
           Subvendor ID   0x1014
           Subsystem ID   0x052D
           Int. Line   0x0B
           Int. Pin   0x02
Dump
           0 1 2 3 4 5 6 7 8 9 A B C D E F
    00   86 80 C3 24 01 00 80 02 01 00 05 0C 00 00 00 00
    10   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    20   81 18 00 00 00 00 00 00 00 00 00 00 14 10 2D 05
    30   00 00 00 00 00 00 00 00 00 00 00 00 0B 02 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   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 60 0F 00 00 00 00 00 00
```

Audio device
bus 0 (0x00), device 31 (0x1F), function 5 (0x05)
Common header
           Vendor ID                  0x8086
           Model ID          0x24C5
           Revision ID                0x01
           PI                         0x00
           SubClass          0x01
           BaseClass                  0x04
           Cache Line                 0x00
           Latency                    0x00
           Header                     0x00
PCI header
           Address 0 (port) 0x00001C00
           Address 1 (port) 0x000018C0
           Address 2 (memory)         0xC0000C00
           Address 3 (memory)         0xC0000800
           Subvendor ID               0x1014
           Subsystem ID               0x0537
           Int. Line                  0x0B
           Int. Pin          0x02
Capabilities
           Power Management Capability
                     Offset           50h
                     Version          1.1
Dump
           0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
    00    86 80 C5 24 07 00 90 02 01 00 01 04 00 00 00 00
    10    01 1C 00 00 C1 18 00 00 00 0C 00 C0 00 08 00 C0
    20    00 00 00 00 00 00 00 00 00 00 00 00 14 10 37 05
    30    00 00 00 00 50 00 00 00 00 00 00 00 0B 02 00 00
    40    09 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    50    01 00 C2 C9 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 60 0F 00 00 00 00 00 00
```

```
Modem
bus 0 (0x00), device 31 (0x1F), function 6 (0x06)
Common header
        Vendor ID               0x8086
        Model ID        0x24C6
        Revision ID             0x01
        PI                      0x00
        SubClass        0x03
        BaseClass               0x07
        Cache Line              0x00
        Latency                 0x00
        Header                  0x00
PCI header
        Address 0 (port) 0x00002400
        Address 1 (port) 0x00002000
        Subvendor ID            0x1014
        Subsystem ID            0x0559
        Int. Line               0x0B
        Int. Pin        0x02
Capabilities
        Power Management Capability
                Offset          50h
                Version         1.1
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 C6 24 05 00 90 02 01 00 03 07 00 00 00 00
        10      01 24 00 00 01 20 00 00 00 00 00 00 00 00 00 00
        20      00 00 00 00 00 00 00 00 00 00 00 00 14 10 59 05
        30      00 00 00 00 50 00 00 00 00 00 00 00 0B 02 00 00
        40      00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        50      01 00 C2 C9 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 60 0F 00 00 00 00 00 00

VGA Controller
bus 1 (0x01), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID               0x1002
        Model ID        0x4C66
        Revision ID             0x02
        PI                      0x00
        SubClass        0x00
        BaseClass               0x03
        Cache Line              0x08
        Latency                 0xFF
        Header                  0x00
PCI header
        Address 0 (memory)      0xE0000000
        Address 1 (port) 0x00003000
        Address 2 (memory)      0xC0100000
        Subvendor ID            0x1014
        Subsystem ID            0x0531
        Int. Line               0x0B
        Int. Pin        0x01
Capabilities
        AGP Capability
                Offset          58h
                Version         2.0
                Status          enabled
                Transfer rate   4x (max 4x)
                Queue lenght    1 (max 48)
        Power Management Capability
                Offset          50h
                Version         1.1
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      02 10 66 4C 87 03 B0 02 02 00 00 03 08 FF 00 00
        10      08 00 00 E0 01 30 00 00 00 00 10 C0 00 00 00 00
        20      00 00 00 00 00 00 00 00 00 00 00 00 14 10 31 05
        30      00 00 00 00 58 00 00 00 00 00 00 00 0B 01 08 00
        40      00 00 00 00 00 00 00 00 00 00 00 00 14 10 31 05
        50      01 00 02 06 00 00 00 00 02 50 20 00 17 02 00 2F
        60      14 03 00 1F 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

PCI to CardBus Bridge
bus 2 (0x02), device 0 (0x00), function 0 (0x00)
Common header
        Vendor ID               0x104C
        Model ID        0xAC46
        Revision ID             0x01
        PI                      0x00
        SubClass        0x07
        BaseClass               0x06
        Cache Line              0x08
```

```
        Latency                 0x40
        Header                  0x82
PCI header
Capabilities
        Power Management Capability
                Offset          A0h
                Version         1.1
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      4C 10 46 AC 07 01 10 02 01 00 07 06 08 40 82 00
        10      00 00 00 B0 A0 00 00 02 02 03 05 B0 00 E0 BF FE
        20      00 E0 BF FE 00 E0 BF FA 00 D0 BF FE 00 FE 00 00
        30      FC FE 00 00 00 FD 00 00 FC FD 00 00 0B 01 C0 00
        40      14 10 52 05 01 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      71 D0 08 00 00 00 0A 04 00 00 0F 00 22 1B D2 01
        90      C0 22 64 41 00 00 00 00 00 00 00 00 00 00 00 00
        A0      01 00 12 FE 00 00 C0 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

PCI to CardBus Bridge
bus 2 (0x02), device 0 (0x00), function 1 (0x01)
Common header
        Vendor ID               0x104C
        Model ID        0xAC46
        Revision ID             0x01
        PI                      0x00
        SubClass        0x07
        BaseClass               0x06
        Cache Line              0x08
        Latency                 0x40
        Header                  0x82
PCI header
Capabilities
        Power Management Capability
                Offset          A0h
                Version         1.1
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      4C 10 46 AC 07 01 10 02 01 00 07 06 08 40 82 00
        10      00 00 00 B1 A0 00 00 02 06 08 B0 00 D0 BF FA
        20      00 D0 BF FA 00 D0 BF F6 00 C0 BF FA 00 FC 00 00
        30      FC FC 00 00 00 FA 00 00 FC FA 00 00 0B 02 C0 00
        40      14 10 52 05 01 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      71 D0 40 08 00 00 0A 04 00 00 0F 00 22 1B D2 01
        90      C0 22 64 41 00 00 00 00 00 00 00 00 00 00 00 00
        A0      01 00 12 FE 00 00 C0 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

Ethernet Controller
bus 2 (0x02), device 1 (0x01), function 0 (0x00)
Common header
        Vendor ID               0x8086
        Model ID        0x101E
        Revision ID             0x03
        PI                      0x00
        SubClass        0x00
        BaseClass               0x02
        Cache Line              0x08
        Latency                 0x40
        Header                  0x00
PCI header
        Address 0 (memory)      0xC0240000
        Address 1 (memory)      0xC0200000
        Address 2 (port) 0x00008000
        Subvendor ID            0x1014
        Subsystem ID            0x0549
        Int. Line               0x0B
        Int. Pin        0x01
Capabilities
        Power Management Capability
                Offset          DCh
                Version         1.1
Dump
                0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00      86 80 1E 10 07 01 30 02 03 00 00 02 08 40 00 00
        10      00 00 24 C0 00 00 20 C0 01 80 00 00 00 00 00 00
        20      00 00 00 00 00 00 00 00 22 00 00 00 14 10 49 05
        30      00 00 00 00 DC 00 00 00 00 00 00 00 0B 01 FF 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 01 00 22 C8
        E0      00 20 00 14 07 00 02 00 00 00 40 04 00 00 00 00
```

```
         F0    05 00 80 00 00 00 00 00 00 00 00 00 00 00 00 00
```

Ethernet Controller
bus 2 (0x02), device 2 (0x02), function 0 (0x00)
Common header
```
        Vendor ID               0x168C
        Model ID        0x1014
        Revision ID             0x01
        PI                      0x00
        SubClass        0x00
        BaseClass               0x02
        Cache Line              0x08
        Latency                 0x80
        Header                  0x00
```
PCI header
```
        Address 0 (memory)      0xC0210000
        Subvendor ID            0x17AB
        Subsystem ID            0x8331
        Int. Line               0x0B
        Int. Pin        0x01
```
Capabilities
        Power Management Capability
```
                Offset          44h
                Version         1.1
```
Dump
```
              0  1  2  3  4  5  6  7  8  9  A  B  C  D  E  F
        00   8C 16 14 10 46 03 90 02 01 00 00 02 08 80 00 00
        10   00 00 21 C0 00 00 00 00 00 00 00 00 00 00 00 00
        20   00 00 00 00 00 00 00 01 50 00 00 AB 17 31 83
        30   00 00 00 00 44 00 00 00 00 00 00 0B 01 0A 1C
        40   80 00 00 00 01 00 02 00 00 40 00 C6 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

DMI BIOS

```
        vendor          IBM
        version         1RETDIWW (3.14 )
        date            01/20/2005
```

DMI System Information

```
        manufacturer    IBM
        product         2373R94
        version         ThinkPad T42
        serial          99YBBDF
        UUID            EDE06E01-47CC11CB-9F5CCB42-23AAF75C
```

DMI Baseboard

```
        vendor          IBM
        model           2373R94
        revision Not Available
        serial          J1YPB52410Z
```

DMI System Enclosure

```
        manufacturer    IBM
        chassis type    Notebook
        chassis serial  Not Available
```

DMI Processor

```
        manufacturer    GenuineIntel
        model           Intel(R) Pentium(R) M processor
        clock speed     1600.0MHz
        FSB speed       400.0MHz
        multiplier      4.0x
```

DMI Memory Controller

```
        correction      unknown
        Max module size 1024MBytes
```

DMI Memory Module

```
        designation     DIMM Slot 1
        size            1024MBytes (double bank)
```

DMI Memory Module

```
        designation     DIMM Slot 2
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Infrared (external)
        connector       Infrared
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Parallel (external)
        port type       Parallel Port ECP/EPP
        connector       DB-25 female
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     External Monitor (external)
        port type       Video Port
        connector       DB-15 female
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Microphone Jack (external)
        port type       Audio Port
        connector       Mini Jack (headphones)
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Headphone Jack (external)
        port type       Audio Port
        connector       Mini Jack (headphones)
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     S-Video-Out (external)
        port type       Video Port
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Modem (external)
        port type       Modem Port
        connector       RJ-11
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     Ethernet (external)
        port type       Network Port
        connector       RJ-45
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     USB 1 (external)
        port type       USB
        connector       Access Bus (USB)
```

DMI Port Connector

```
        designation     Not Available (internal)
        designation     USB 2 (external)
        port type       USB
        connector       Access Bus (USB)
```

DMI Extension Slot

```
        designation     CardBus Slot 1
        type            PCMCIA
        width           32 bits
        populated       no
```

DMI Extension Slot

```
        designation     CardBus Slot 2
        type            PCMCIA
        width           32 bits
        populated       no
```

DMI Extension Slot

```
        designation     Mini-PCI Slot 1
        type            PCI
        width           32 bits
        populated       no
```

DMI Physical Memory Array

```
        location Motherboard
        usage           System Memory
        correction      None
        max capacity    1024MBytes
        max# of devices 2


DMI Memory Device
-----------------
        designation     DIMM 1
        format          SODIMM
        type            DDR
        total width     64bits
        data width      64bits
        size            1024MBytes


DMI Memory Device
-----------------
        designation     DIMM 2
        format          SODIMM
        type            DDR


Software
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Windows Version         Microsoft Windows XP Professional
Service Pack 2 (Build 2600)
DirectX Version         9.0c


Resources
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Memory I/O Space, BA=0x00000000D0000000
Port I/O Space, BA=0x1800
Port I/O Space, BA=0x1820
Port I/O Space, BA=0x1840
Memory I/O Space, BA=0x00000000C0000000
Port I/O Space, BA=0x1860
Memory I/O Space, BA=0x00000000FEBFFC00
Port I/O Space, BA=0x1880
Port I/O Space, BA=0x1C00
Port I/O Space, BA=0x18C0
Memory I/O Space, BA=0x00000000C0000C00
Memory I/O Space, BA=0x00000000C0000800
Port I/O Space, BA=0x2400
Port I/O Space, BA=0x2000
Memory I/O Space, BA=0x00000000E0000000
Port I/O Space, BA=0x3000
Memory I/O Space, BA=0x00000000C0100000
Memory I/O Space, BA=0x00000000B0000000
Memory I/O Space, BA=0x00000000B1000000
Memory I/O Space, BA=0x00000000C0240000
Memory I/O Space, BA=0x00000000C0200000
Port I/O Space, BA=0x8000
Memory I/O Space, BA=0x00000000C0210000
Port I/O Space, BA=0x1008, size=0x4
Port I/O Space, BA=0x2E
```