

```
[root@freenas] ~# dmidecode
# dmidecode 3.0
Scanning /dev/mem for entry point.
SMBIOS 2.8 present.
18 structures occupying 1062 bytes.
Table at 0x000EBE60.
```

```
Handle 0x0000, DMI type 0, 24 bytes
```

```
BIOS Information
```

```
Vendor: American Megatrends Inc.
Version: P1.00
Release Date: 10/27/2014
Address: 0xF0000
Runtime Size: 64 kB
ROM Size: 4096 kB
Characteristics:
  PCI is supported
  BIOS is upgradeable
  BIOS shadowing is allowed
  Boot from CD is supported
  Selectable boot is supported
  BIOS ROM is socketed
  EDD is supported
  5.25"/1.2 MB floppy services are supported (int 13h)
  3.5"/720 kB floppy services are supported (int 13h)
  3.5"/2.88 MB floppy services are supported (int 13h)
  Print screen service is supported (int 5h)
  8042 keyboard services are supported (int 9h)
  Serial services are supported (int 14h)
  Printer services are supported (int 17h)
  ACPI is supported
  USB legacy is supported
  BIOS boot specification is supported
  Targeted content distribution is supported
  UEFI is supported
BIOS Revision: 4.6
```

```
Handle 0x0001, DMI type 1, 27 bytes
```

```
System Information
```

```
Manufacturer: To Be Filled By O.E.M.
Product Name: To Be Filled By O.E.M.
Version: To Be Filled By O.E.M.
Serial Number: To Be Filled By O.E.M.
UUID: 03000200-0400-0500-0006-000700080009
Wake-up Type: Power Switch
SKU Number: To Be Filled By O.E.M.
Family: To Be Filled By O.E.M.
```

```
Handle 0x0002, DMI type 2, 15 bytes
```

```
Base Board Information
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```
Manufacturer: ASRock
Product Name: QC5000-ITX/PH
Version:
Serial Number: M80-55016400917
Asset Tag:
Features:
  Board is a hosting board
  Board is replaceable
Location In Chassis:
Chassis Handle: 0x0003
Type: Motherboard
Contained Object Handles: 0
```

```
Handle 0x0003, DMI type 3, 25 bytes
```

Chassis Information

Manufacturer: To Be Filled By O.E.M.
Type: Desktop
Lock: Not Present
Version: To Be Filled By O.E.M.
Serial Number: To Be Filled By O.E.M.
Asset Tag: To Be Filled By O.E.M.
Boot-up State: Safe
Power Supply State: Safe
Thermal State: Safe
Security Status: None
OEM Information: 0x00000000
Height: Unspecified
Number Of Power Cords: 1
Contained Elements: 1
 <OUT OF SPEC> (0)
SKU Number: To be filled by O.E.M.

Handle 0x0004, DMI type 9, 17 bytes

System Slot Information

Designation: PCIE1
Type: x4 PCI Express
Current Usage: Available
Length: Long
ID: 17
Characteristics:
 3.3 V is provided
 Opening is shared
 PME signal is supported
Bus Address: ffff:01:1f.7

Handle 0x0005, DMI type 9, 17 bytes

System Slot Information

Designation: PCIE2
Type: x1 PCI Express
Current Usage: Available
Length: Long
ID: 18
Characteristics:
 3.3 V is provided
 Opening is shared
 PME signal is supported
Bus Address: ffff:05:1f.7

Handle 0x0006, DMI type 11, 5 bytes

OEM Strings

String 1: To Be Filled By O.E.M.

Handle 0x000D, DMI type 32, 20 bytes

System Boot Information

Status: No errors detected

Handle 0x000F, DMI type 16, 23 bytes

Physical Memory Array

Location: System Board Or Motherboard
Use: System Memory
Error Correction Type: None
Maximum Capacity: 16 GB
Error Information Handle: Not Provided
Number Of Devices: 2

Handle 0x0010, DMI type 19, 31 bytes

Memory Array Mapped Address

Starting Address: 0x000000000000

Ending Address: 0x003FFFFFFFFF
Range Size: 16 GB
Physical Array Handle: 0x000F
Partition Width: 255

Handle 0x0011, DMI type 17, 40 bytes
Memory Device

Array Handle: 0x000F
Error Information Handle: Not Provided
Total Width: 64 bits
Data Width: 64 bits
Size: 8192 MB
Form Factor: DIMM
Set: None
Locator: DIMM 0
Bank Locator: CHANNEL A
Type: DDR3
Type Detail: Synchronous Unbuffered (Unregistered)
Speed: 667 MHz
Manufacturer: <BAD INDEX>
Serial Number: 00000000
Asset Tag: <BAD INDEX>
Part Number: GR1333D364L9/8G
Rank: 2
Configured Clock Speed: 667 MHz
Minimum Voltage: 1.5 V
Maximum Voltage: 1.5 V
Configured Voltage: 1.5 V

Handle 0x0012, DMI type 17, 40 bytes
Memory Device

Array Handle: 0x000F
Error Information Handle: Not Provided
Total Width: 64 bits
Data Width: 64 bits
Size: 8192 MB
Form Factor: DIMM
Set: None
Locator: DIMM 1
Bank Locator: CHANNEL A
Type: DDR3
Type Detail: Synchronous Unbuffered (Unregistered)
Speed: 667 MHz
Manufacturer: <BAD INDEX>
Serial Number: 00000000
Asset Tag: <BAD INDEX>
Part Number: GR1333D364L9/8G
Rank: 2
Configured Clock Speed: 667 MHz
Minimum Voltage: 1.5 V
Maximum Voltage: 1.5 V
Configured Voltage: 1.5 V

Handle 0x0013, DMI type 20, 35 bytes
Memory Device Mapped Address

Starting Address: 0x000000000000
Ending Address: 0x001FFFFFFFFF
Range Size: 8 GB
Physical Device Handle: 0x0011
Memory Array Mapped Address Handle: 0x0010
Partition Row Position: 1

Handle 0x0014, DMI type 20, 35 bytes
Memory Device Mapped Address

Starting Address: 0x00200000000
Ending Address: 0x003FFFFFFFF
Range Size: 8 GB
Physical Device Handle: 0x0012
Memory Array Mapped Address Handle: 0x0010
Partition Row Position: 1

Handle 0x0015, DMI type 7, 19 bytes

Cache Information

Socket Designation: L1 CACHE
Configuration: Enabled, Not Socketed, Level 1
Operational Mode: Write Back
Location: Internal
Installed Size: 256 kB
Maximum Size: 256 kB
Supported SRAM Types:
 Pipeline Burst
Installed SRAM Type: Pipeline Burst
Speed: 1 ns
Error Correction Type: Multi-bit ECC
System Type: Unified
Associativity: 2-way Set-associative

Handle 0x0016, DMI type 7, 19 bytes

Cache Information

Socket Designation: L2 CACHE
Configuration: Enabled, Not Socketed, Level 2
Operational Mode: Write Back
Location: Internal
Installed Size: 2048 kB
Maximum Size: 2048 kB
Supported SRAM Types:
 Pipeline Burst
Installed SRAM Type: Pipeline Burst
Speed: 1 ns
Error Correction Type: Multi-bit ECC
System Type: Unified
Associativity: 16-way Set-associative

Handle 0x0017, DMI type 4, 42 bytes

Processor Information

Socket Designation: CPU Socket
Type: Central Processor
Family: A-Series
Manufacturer: AMD
ID: 01 0F 70 00 FF FB 8B 17
Signature: Family 22, Model 0, Stepping 1
Flags:
 FPU (Floating-point unit on-chip)
 VME (Virtual mode extension)
 DE (Debugging extension)
 PSE (Page size extension)
 TSC (Time stamp counter)
 MSR (Model specific registers)
 PAE (Physical address extension)
 MCE (Machine check exception)
 CX8 (CMPXCHG8 instruction supported)
 APIC (On-chip APIC hardware supported)
 SEP (Fast system call)
 MTRR (Memory type range registers)
 PGE (Page global enable)
 MCA (Machine check architecture)
 CMOV (Conditional move instruction supported)
 PAT (Page attribute table)

PSE-36 (36-bit page size extension)
CLFSH (CLFLUSH instruction supported)
MMX (MMX technology supported)
FXSR (FXSAVE and FXSTOR instructions supported)
SSE (Streaming SIMD extensions)
SSE2 (Streaming SIMD extensions 2)
HTT (Multi-threading)
Version: AMD A4-5000 APU with Radeon(TM) HD Graphics
Voltage: 1.0 V
External Clock: 100 MHz
Max Speed: 1500 MHz
Current Speed: 1500 MHz
Status: Populated, Enabled
Upgrade: None
L1 Cache Handle: 0x0015
L2 Cache Handle: 0x0016
L3 Cache Handle: Not Provided
Serial Number: Not Specified
Asset Tag: Not Specified
Part Number: Not Specified
Core Count: 4
Core Enabled: 4
Thread Count: 4
Characteristics:
 64-bit capable

Handle 0x0018, DMI type 127, 4 bytes
End Of Table