



```
[root@db ~]# getconf _NPROCESSORS_ONLN
24
```

```
[root@db ~]# dmidecode -t processor
```

```
# dmidecode 3.2
```

```
Getting SMBIOS data from sysfs.
```

```
SMBIOS 2.7 present.
```

```
Handle 0x0004, DMI type 4, 42 bytes
```

```
Processor Information
```

```
Socket Designation: SOCKET 0
```

```
Type: Central Processor
```

```
Family: Xeon
```

```
Manufacturer: Intel
```

```
ID: D7 06 02 00 FF FB EB BF
```

```
Signature: Type 0, Family 6, Model 45, Stepping 7
```

```
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)
```

```
DS (Debug store)
```

```
ACPI (ACPI supported)
```

MMX (MMX technology supported)
FXSR (FXSAVE and FXSTOR instructions supported)
SSE (Streaming SIMD extensions)
SSE2 (Streaming SIMD extensions 2)
SS (Self-snoop)
HTT (Multi-threading)
TM (Thermal monitor supported)
PBE (Pending break enabled)
Version: Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz
Voltage: 0.8 V
External Clock: 100 MHz
Max Speed: 2000 MHz
Current Speed: 2000 MHz
Status: Populated, Enabled
Upgrade: Socket LGA1356
L1 Cache Handle: 0x0005
L2 Cache Handle: 0x0006
L3 Cache Handle: 0x0007
Serial Number: Not Specified
Asset Tag: Not Specified
Part Number: Not Specified
Core Count: 6
Core Enabled: 6
Thread Count: 12
Characteristics:
64-bit capable
Multi-Core
Hardware Thread
Execute Protection
Enhanced Virtualization
Power/Performance Control

Handle 0x0008, DMI type 4, 42 bytes
Processor Information
Socket Designation: SOCKET 1
Type: Central Processor
Family: Xeon
Manufacturer: Intel
ID: D7 06 02 00 FF FB EB BF

Signature: Type 0, Family 6, Model 45, Stepping 7

Flags:

FPU (Floating-point unit on-chip)

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