

# AIX - How to get CPU information

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## AIX - How to get CPU information

Question : How to get CPU model, number of cores and speed on an AIX machine?

Answer : Use prtconf to display system configuration information and look for information related to processor.

Example :

```
root@server # prtconf |grep -i processor
Processor Type: PowerPC_POWER5
Processor Implementation Mode: POWER 5
Processor Version: PV_5_3
Number Of Processors: 2
Processor Clock Speed: 2097 MHz
Model Implementation: Multiple Processor, PCI bus
+ proc0 Processor
+ proc2 Processor
```

Question : How to get system model and machine serial number from AIX operating system?

Answer : Use prtconf command and look for system model and machine serial number information.

Example :

```
root@server # prtconf |egrep -i 'serial|model'
System Model: IBM,9110-51A
Machine Serial Number: 06B73FD
```

Question : How to monitor CPU usage on AIX operating system?

Answer : Use sar command to monitor CPU usage on AIX operating system.

Example :

```
root@server # sar -u 5 5
```

```
AIX server 1 6 00CB73FD4C00 03/05/14
System configuration: lcpu=2 ent=0.10 mode=Uncapped
05:26:01 %usr %sys %wio %idle physc %entc
05:26:06 4 6 0 90 0.02 15.3
05:26:11 2 5 0 93 0.01 11.4
05:26:16 7 7 0 86 0.02 19.4
05:26:21 28 20 0 52 0.06 55.5
05:26:26 3 6 0 92 0.01 13.4
Average 9 9 0 82 0.02 23.1
```

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