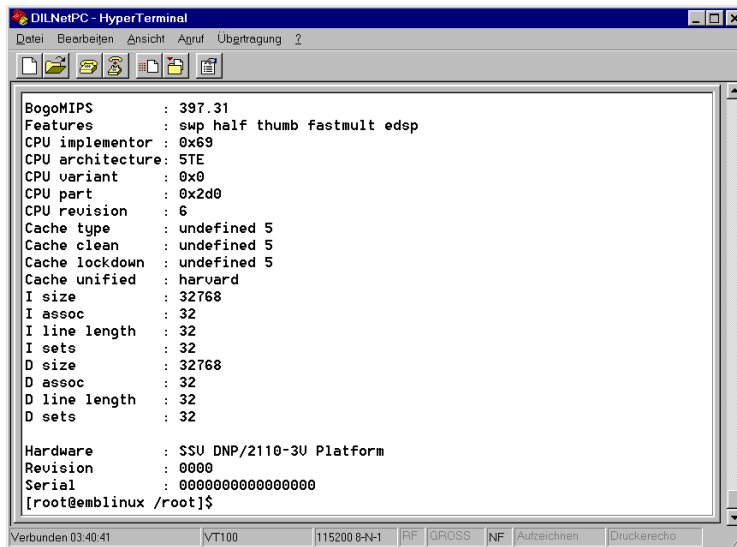


## How to get Information's about CPU Speed and available Memory

Sometimes it can be necessary to know the CPU speed and/or the amount of available memory. The DNP/2110 Linux offers some more information within the process file system directory `/proc`.

- **1. Step:** The Linux process file system offers some information's about the CPU speed. To show this information please enter the Linux command:

```
cat /proc/cpuinfo
```

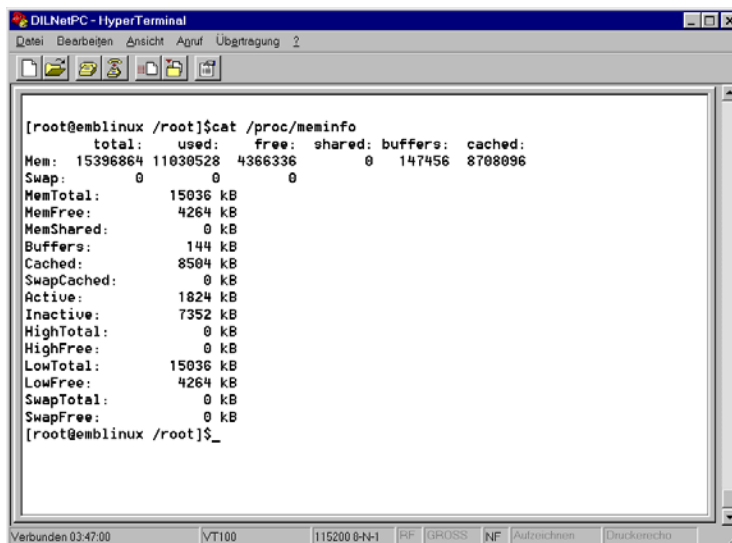


```
DILNetPC - HyperTerminal
Datei Bearbeiten Ansicht Ausruf Übertragung ?
BogoMIPS      : 397.31
Features      : swp half thumb fastmult edsp
CPU implementor : 0x69
CPU architecture: 5TE
CPU variant   : 0x0
CPU part      : 0x2d0
CPU revision  : 6
Cache type    : undefined 5
Cache clean   : undefined 5
Cache lockdown : undefined 5
Cache unified : harvard
I size        : 32768
I assoc       : 32
I line length : 32
I sets        : 32
D size        : 32768
D assoc       : 32
D line length : 32
D sets        : 32

Hardware      : SSV DNP/2110-3U Platform
Revision      : 0000
Serial        : 0000000000000000
[root@emlinux /root]$
```

- **2. Step:** The Linux process file system offers also some information's about the amount of available memory. To show this information please enter the Linux command:

```
cat /proc/meminfo
```



```
DILNetPC - HyperTerminal
Datei Bearbeiten Ansicht Ausruf Übertragung ?
[root@emlinux /root]$cat /proc/meminfo
total:      used:      free:      shared:    buffers:   cached:
Mem: 15396864 11030528 4366336  0 147456 8708096
Swap:      0          0          0
MemTotal:  15036 kB
MemFree:   4264 kB
MemShared: 0 kB
Buffers:   144 kB
Cached:    8504 kB
SwapCached: 0 kB
Active:    1824 kB
Inactive:  7352 kB
HighTotal: 0 kB
HighFree:  0 kB
LowTotal:  15036 kB
LowFree:   4264 kB
SwapTotal: 0 kB
SwapFree:  0 kB
[root@emlinux /root]$_
```

That is all.