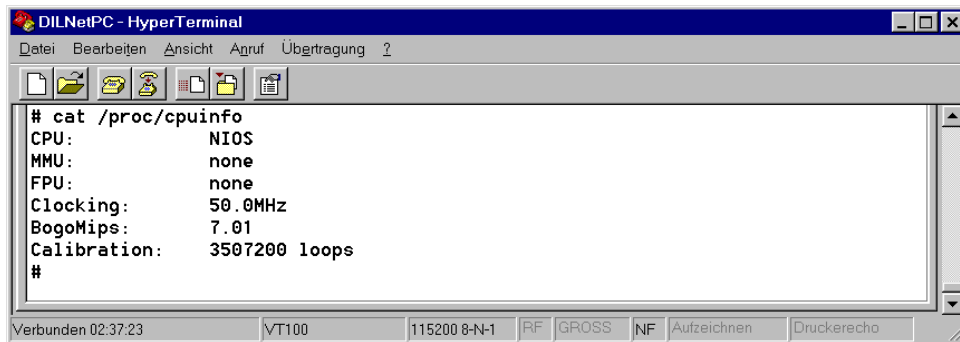


How to get Information's about CPU Speed and available Memory

Sometimes it can be necessary to know the CPU speed and/or the amount of available memory. The ADNP/ESC1 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
```

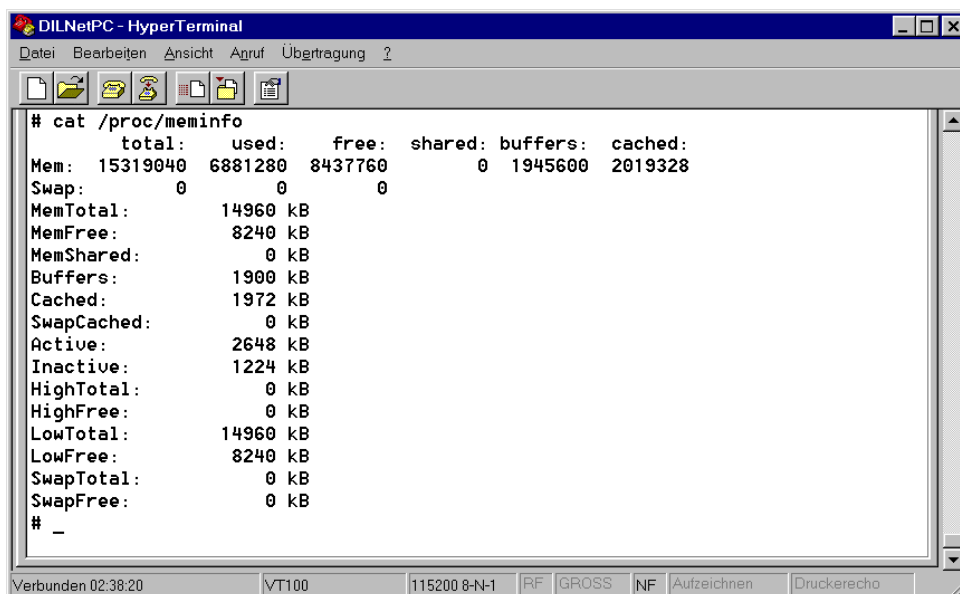


```
# cat /proc/cpuinfo
CPU:          NIOS
MMU:         none
FPU:         none
Clocking:    50.0MHz
BogoMips:    7.01
Calibration: 3507200 loops
#
```

Please note: The BogoMIPS value depends on the Altera NIOS softcore architecture. The current version of the ADNP/ESC1 don't offer cache memory.

- **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
```



```
# cat /proc/meminfo
          total:      used:      free:      shared: buffers:  cached:
Mem: 15319040 6881280 8437760          0 1945600 2019328
Swap:          0          0          0
MemTotal:         14960 kB
MemFree:           8240 kB
MemShared:          0 kB
Buffers:           1900 kB
Cached:            1972 kB
SwapCached:         0 kB
Active:            2648 kB
Inactive:          1224 kB
HighTotal:          0 kB
HighFree:           0 kB
LowTotal:          14960 kB
LowFree:            8240 kB
SwapTotal:          0 kB
SwapFree:           0 kB
# _
```

That is all.