

**NAME**

**nproc** - print the number of processors

**SYNOPSIS**

**nproc** [--all] [--ignore=*count*]

**nproc --help**

**nproc --version**

**DESCRIPTION**

The **nproc** utility is used to print the number of processors limited to the `cpuset(2)` of the current process, unless the **--all** flag is specified.

The available flags are:

**--all**     Count all processors currently online.

**--ignore=*count***

The result is decreased by *count*, but never below 1.

**--version**

Print the current program version and exit. Do not use this option.

**--help**   Print usage information and exit.

**COMPATIBILITY**

This program is intended to be compatible with `nproc` as found in GNU coreutils.

**BUGS**

If HyperThreading is enabled in BIOS and disabled in the kernel, the **--all** option on Linux will still report all possible CPU threads. On FreeBSD only active threads will be reported.

**SEE ALSO**

`cpuset(1)`

**HISTORY**

The **nproc** utility first appeared in FreeBSD 13.2.

**AUTHORS**

Mateusz Guzik <[mjg@FreeBSD.org](mailto:mjg@FreeBSD.org)> wrote the program and Piotr Paweł Stefaniak <[pstef@FreeBSD.org](mailto:pstef@FreeBSD.org)> wrote this page.