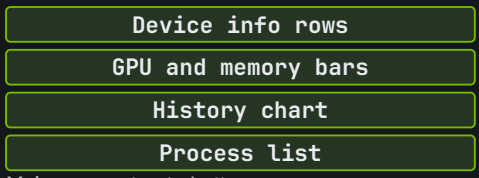
nvtop GPU monitor

CONCEPTS

nvtop is htop for GPUs: one screen shows every NVIDIA, AMD and Intel card, their load history and the processes using them.



Main screen, top to bottom

Fields a driver cannot report show N/A. Process lists need a recent kernel on AMD and Intel.

PROCESS LIST

Up / **Down**
Move process selection

Left / **Right**
Scroll process row sideways

F6
Pick the sort field

Plus
Sort ascending

Minus
Sort descending

F9
Send a signal to the process

SCREEN AND SETTINGS

F2
Open the setup window

F12
Save current options

F10 / **q** / **Esc**
Quit nvtop

SCREEN AND SETTINGS (cont.)

Change the plotted metric under Chart in setup: utilization, temperature, power, fan, clocks or PCIe load.

COMMAND LINE

`nvtop`
Start the monitor

`nvtop -d <tenths>`
Update interval in tenths of a second

`nvtop -s`
Print stats once and exit

`nvtop -l`
Print stats repeatedly

`nvtop -p`
One plot for the max of all GPUs

`nvtop -P`
Hide the process list

`nvtop -C`
Monochrome output

`nvtop -i`
Show extra dynamic clock bar

`nvtop -u`
Scale process memory units

`nvtop -v`
Print version

`nvtop -h`
Print help

CONFIG AND SUPPORT

Supported hardware

Vendor	Driver
`NVIDIA`	Proprietary driver via NVML
`AMD`	amdgpu (kernel 5.14+ for processes)
`Intel`	i915 or xe (kernel 5.19+ for processes)
`Adreno`	msm (kernel 6.0+ for processes)

Config file location

```
# default path
~/.config/nvtop/interface.ini
# or under $XDG_CONFIG_HOME
```