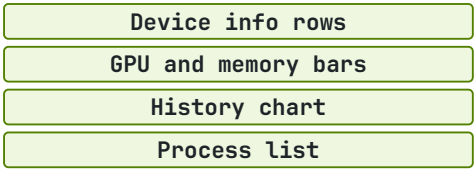
nvtop GPU monitor

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
```