Glances System monitor

START HERE

`glances`
Start the curses UI

`1`
Per-CPU view

`h`
Toggle help screen

`glances -w`
Web UI on port 61208

`c` / `m` / `i`
Sort by CPU / MEM / I/O

`glances -s`
Serve to remote clients

`ENTER`
Filter processes

`q`
Quit

glances standalone TUI | **glances -s** server, port 61209 | RPC → | **glances -c <host>** remote TUI

One collector, three front ends

CONCEPTS

Keys are case sensitive: lowercase mostly sorts or toggles the main panels, uppercase toggles extra plugins (D Docker, G GPU, W Wi-Fi).

Kill and nice (k, +, -) need root and work in standalone mode only, not through a server.

Command-line options override the config file; for the web mode install the web extras (FastAPI).

PROCESS LIST

`c` Sort by CPU

`m` Sort by memory

`i` Sort by I/O rate

`p` Sort by name

`u` Sort by user

`t` Sort by CPU time

`a` Automatic sort

Picks CPU, MEM or I/O depending on which threshold is exceeded.

`Shift` + `Left` / `Shift` + `Right`
Move through sort options

`Up` / `Down`
Move in process list

`ENTER`
Set process filter (regex)

Type a regular expression, then Enter; it matches the process name or command.

`E` Clear process filter

`k` Kill selected process

Needs root; standalone mode only.

`Plus` / `Minus`
Lower / raise priority

Needs root; Plus raises the nice value; standalone only.

`e`
Extended stats of top process

`/`
Command line or process name

`z` Toggle process stats

`A`
Toggle application monitoring

PROCESS LIST (cont.)

`0` Toggle Irix / Solaris mode

Divides per-process CPU by the number of CPUs.

PANELS AND VIEWS

`1` Global or per-CPU stats

`2` Toggle left sidebar

`3` Toggle quick look

`4` Only quick look and load

`5` Toggle top menu

`6` Toggle mean GPU mode

`d` Toggle disk I/O

`n` Toggle network

`f`
Toggle file systems and folders

`s` Toggle sensors

`D` Toggle Docker stats

`G` Toggle GPU stats

`l` Toggle log messages

`N` Toggle current time

`S` Toggle spark lines

`I` Toggle IP module

`P` Toggle ports stats

`W` Toggle Wi-Fi module

`R` Toggle RAID plugin

`K` Toggle TCP connections

`Q` Toggle IRQ module

`V` Toggle VMS plugin

`C` Toggle cloud stats

UNITS AND DISPLAY

`b` Network in bit/s or byte/s

`B` Disk I/O per second

`T` Network I/O combined

`U` Cumulative network I/O

`F` FS used or free space

`9` Black or white theme

`F5` / `Ctrl` + `R` Refresh the UI

`M`
Reset processes summary min / max

UNITS AND DISPLAY (cont.)

`w`
Delete finished warning logs

`x`
Delete finished warning and critical logs

`g` Generate graphs of history

`r` Reset history

`h` Toggle help screen

`q` / `Esc` / `Ctrl` + `C` Quit

COMMAND LINE

`glances`
Start standalone TUI

`glances -t` *`<sec>`*
Set refresh interval

`glances -w`
Run web server

Needs FastAPI; the UI is served on port 61208 by default.

`glances -s`
Run in server mode

`glances -c` *`<host>`*
Connect to a server

Host, IP or host:port.

`glances -p` *`<port>`*
Client / server port

Default 61209.

`glances -B` *`<addr>`*
Bind server to an address

`glances --browser`
Server browser TUI

`glances -C` *`<file>`*
Use another config file

`glances -f` *`<regex>`*
Start with a process filter

`glances -q --export` *`<name>`*
Export without the UI

Combine with --export-csv-file or --export-json-file.

`glances --export-csv-file` *`<f>`*
CSV output path

`glances --stdout` *`<plugin.attr>`*
Print stats to stdout

E.g. cpu.user,mem.used.

`glances --disable-plugin` *`<list>`*
Disable plugins

Comma separated.

`glances --enable-plugin` *`<list>`*
Enable plugins

COMMAND LINE (cont.)

`glances --modules-list`
List plugins and exports

`glances --disable-process`
Disable the process module

`glances --disable-webui`
API only, no web UI

`glances --light`
Light curses mode

`glances -1`
Start in per-CPU mode

`glances -b`
Network rate in bytes

`glances --fahrenheit`
Temperatures in Fahrenheit

`glances --hide-kernel-threads`
Hide kernel threads

`glances --username --password`
Protect server or web

`glances --disable-check-update`
Skip online version check

`glances -V`
Show version

CONFIG

`~/.config/glances/glances.conf`
User config file

Falls back to /etc/glances/ and the share/doc folder; -C overrides.

`refresh=`*`<sec>`*
Refresh interval in [global]

Per-plugin sections accept it too; -t wins.

`disable=True`
Switch off a plugin section

Put it in the plugin's own [section].

RECIPES

Serve stats to a remote terminal

```
# on the server
glances -s -B 0.0.0.0 --password
# on your machine
glances -c <host> --password
```

Web dashboard, quietly

```
glances -w --disable-check-update
# open http://<host>:61208
```

Log metrics to CSV

```
glances -q --export csv --export-csv-file stats.csv -t 5
```

Find the memory hog

```
# m   sort by memory
# ENTER  type the name
# k   kill it (root)
```