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

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

w
Delete finished warning logs

UNITS AND DISPLAY (cont.)

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

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)
```