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)
```