

```
mint@mint:~$ vmstat
```

```
procs -----memory----- ---swap-- -----io----- -system-- -----cpu-----
 r b  swpd  free  buff  cache   si   so    bi    bo   in   cs us sy id wa st
  0  0      0 76984 67088 316448    0    0  8941    0  447 2337 28 23 49  0  0
```

```
mint@mint:~$ vmstat -a
```

```
procs -----memory----- ---swap-- -----io----- -system-- -----cpu-----
 r b  swpd  free  inact active   si   so    bi    bo   in   cs us sy id wa st
  1  0      0 76992 194556 609728    0    0  8672    0  439 2271 28 22 49  0  0
```

```
mint@mint:~$ vmstat -m
```

```
vmstat: your kernel does not support slabinfo or your permissions are insufficient
```

```
mint@mint:~$ w
```

```
16:08:33 up 9 min, 1 user, load average: 0.01, 0.55, 0.52
USER      TTY      FROM          LOGIN@   IDLE   JCPU   PCPU WHAT
mint      tty7      :0            15:59    8:55    8.14s  0.68s cinnamon-session --session cinnamon
```

```
mint@mint:~$ whoami
```

```
mint
```

```
mint@mint:~$ uname
```

```
Linux
```

```
mint@mint:~$ ps
```

```
  PID TTY          TIME CMD
  3062 pts/0    00:00:00 bash
  3316 pts/0    00:00:00 ps
```

```
mint@mint:~$ free
```

```
              total        used        free      shared  buff/cache   available
Mem:          1004876        543648        75492         82836        385736        233900
Swap:              0              0              0
```

```
mint@mint:~$ sar
```

```
Cannot open /var/log/sysstat/sa22: No such file or directory
Please check if data collecting is enabled
```

```
mint@mint:~$ mpstat
```

```
Linux 5.4.0-58-generic (mint) 02/22/21 _x86_64_ (1 CPU)
```

	CPU	%usr	%nice	%sys	%iowait	%irq	%soft	%steal	%guest	%gnice	%idle
16:13:03	all	13.09	0.01	8.36	0.18	0.00	0.14	0.00	0.00	0.00	78.22

```
mint@mint:~$ pmap
```

Usage:

pmap [options] PID [PID ...]

Options:

- x, --extended show details
- X show even more details
- WARNING: format changes according to /proc/PID/smaps
- XX show everything the kernel provides
- c, --read-rc read the default rc
- C, --read-rc-from=<file> read the rc from file
- n, --create-rc create new default rc
- N, --create-rc-to=<file> create new rc to file
- NOTE: pid arguments are not allowed with -n, -N
- d, --device show the device format
- q, --quiet do not display header and footer
- p, --show-path show path in the mapping
- A, --range=<low>[,<high>] limit results to the given range
- h, --help display this help and exit
- V, --version output version information and exit

For more details see pmap(1).

```
mint@mint:~$
```



```

top - 16:03:22 up 3 min, 1 user, load average: 1.29, 1.52, 0.72
Tasks: 152 total, 1 running, 151 sleeping, 0 stopped, 0 zombie
%Cpu(s): 2.7 us, 0.7 sy, 0.0 ni, 96.6 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 981.3 total, 83.1 free, 533.2 used, 365.0 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used. 226.2 avail Mem

```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
983	root	20	0	289952	56088	19024	S	2.0	5.6	0:07.36	Xorg
3055	mint	20	0	466320	19028	9808	S	1.7	1.9	0:01.56	gnome-terminal-
1618	mint	20	0	3276016	134992	60236	S	1.3	13.4	0:31.86	cinnamon
3079	mint	20	0	13604	1288	584	R	0.3	0.1	0:00.41	top
1	root	20	0	101812	6760	3864	S	0.0	0.7	0:01.37	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
5	root	20	0	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0-cgroup_destroy
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-kblockd
7	root	20	0	0	0	0	I	0.0	0.0	0:01.41	kworker/0:1-cgroup_destroy
8	root	20	0	0	0	0	I	0.0	0.0	0:00.00	kworker/u2:0-events_unbound
9	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
10	root	20	0	0	0	0	S	0.0	0.0	0:01.15	ksoftirqd/0
11	root	20	0	0	0	0	I	0.0	0.0	0:01.47	rcu_sched
12	root	rt	0	0	0	0	S	0.0	0.0	0:00.00	migration/0
13	root	-51	0	0	0	0	S	0.0	0.0	0:00.00	idle_inject/0
14	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/0
15	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kdevtmpfs
16	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
17	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tasks_kthre
18	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kauditd
19	root	20	0	0	0	0	S	0.0	0.0	0:00.00	khungtaskd
20	root	20	0	0	0	0	S	0.0	0.0	0:00.00	oom_reaper
21	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	writeback
22	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kcompactd0
23	root	25	5	0	0	0	S	0.0	0.0	0:00.00	ksmd
24	root	39	19	0	0	0	S	0.0	0.0	0:00.00	khugepaged
70	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kintegrityd
71	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kblockd
72	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	blkcg_punt_bio
73	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	tpm_dev_wq



Read all

GtkStressTesting

Stress tests

CPU: All methods30 minsWorkers: AutoStart

ElapsedBogo OpsBOPSUST

Processor

Processor #0

NameAMD Ryzen 5 3500U with Radeon Vega Mobile GfxCores6

SpecificationAMD Ryzen 5 3500U with Radeon Vega Mobile GfxThreads6

PackageMicrocode0x6000626Bogomips4192.12

Family23 (17h)Model24 (18h)Stepping1 (1h)

FlagsMMX, (+), SSE(1, 2, 3, 35, 4.1, 4.2, 4A), AVX(1, 2), AES, CLMUL, RdRand, x86-64More...

BugsFxsavle Leak, Null Seg, Spec Store Bypass, Spectre V1, Spectre V2, Sysret Ss AttrsMore...

Cache

L1 Data6 x 32 KiB (192 KiB)16-way32 sets

L1 Inst.6 x 64 KiB (384 KiB)4-way256 sets

Level 26 x 512 KiB (3 MiB)8-way1024 sets

Level 36 x 4 MiB (24 MiB)16-way4096 sets

Motherboard

VendorOracle CorporationVendorinnotek GmbH

ModelVirtualBoxVersionVirtualBox

Revision1.2Date12/01/2006

Memory

SizeSpeedRank

TypeType Detail

ManufacturerPart Number

Press "Read all" button on the top-left corner to read RAM information

CPU usage

123456

UserNiceSystemIO WaitIRQSoft IRQStealGuestGuest NiceLoadAvg2.42 (40.3%)0.72 (12.0%)0.25 (4.2%)

Memory usage

Total1.94 GiBAvailable1.07 GiB

Clocks

CoreCurrentMinMax

Processor 0

Core #02096 MHz2096 MHz2096 MHz

Core #12096 MHz2096 MHz2096 MHz

Core #22096 MHz2096 MHz2096 MHz

Core #32096 MHz2096 MHz2096 MHz

Core #42096 MHz2096 MHz2096 MHz

Core #52096 MHz2096 MHz2096 MHz

Hardware Monitor

CoreCurrentMinMax

BAT0-acpi-0

Voltages

in010.000 V10.000 V10.000 V

Az ablakok különféle hardverek kihasználtságait mutatják:

Processzor, gyorsítótár(csak információ), alaplap(információ), memória, processzor használat/memória használat.

GST v0.7.422:04