

How to Check the RAM Memory of Raspberry Pi

TechRounder PDF Edition

Live article: <https://www.techrounder.com/news/how-to-check-the-ram-memory-of-raspberry-pi/>

By Vipin PG | Published May 2, 2023 | Updated January 4, 2026 | Format: News | 2 min read

What happened

Raspberry Pi is always the best and recommended mini pc for home network lab setup. Even though it is a small single-board computer, the demand for Raspberry Pi is high; hence, you won't quickly get a new one.

Raspberry Pi is always the best and recommended mini pc for home network lab setup. Even though it is a small single-board computer, the demand for Raspberry Pi is high; hence, you won't quickly get a new one.

In this article, we will not see detailed information about Raspberry Pi. Here we will see one simple that most users are looking to find. To quickly find the RAM of the Raspberry Pi, including the total RAM, used and free RAM memory, etc.

How to Find the RAM Memory of Raspberry Pi

You can find the RAM memory of any Raspberry model, including Single Board Raspberry Pi, Raspberry Laptop, or Raspberry Pi OS installed on any PC or desktop. Since the Raspberry operations are mainly done via the command line and have minimum desktop functionalities, it is not easy to check the RAM details like in other desktop PC

Check Raspberry Pi RAM Memory Via command line

Open the terminal of your Raspberry Pi. If you are connecting the Raspberry Pi from a remote PC, use SSH to connect to the Raspberry Pi. After authentication, you are good to go.

Type `free -h` on the terminal and hit enter. Now you will see the memory details, including the RAM and Swap memory usage. The total RAM, used, free, and shared memory can be found.

For megabytes, the memory will be listed as Mi, and for gigabytes, the memory will be shown as Gi. So you can easily find the RAM resource and its utilization using a single and effortless command.