

4 best ways to check RAM capacity on Windows 11

RAM is an acronym for Random Access Memory. This is a type of memory installed on the motherboard of a computer to store information.

However, unlike a hard drive, which is another storage device on a PC, you will lose any data stored on RAM after the computer is turned off. RAM only temporarily stores information from the Windows operating system and other applications running on your PC.

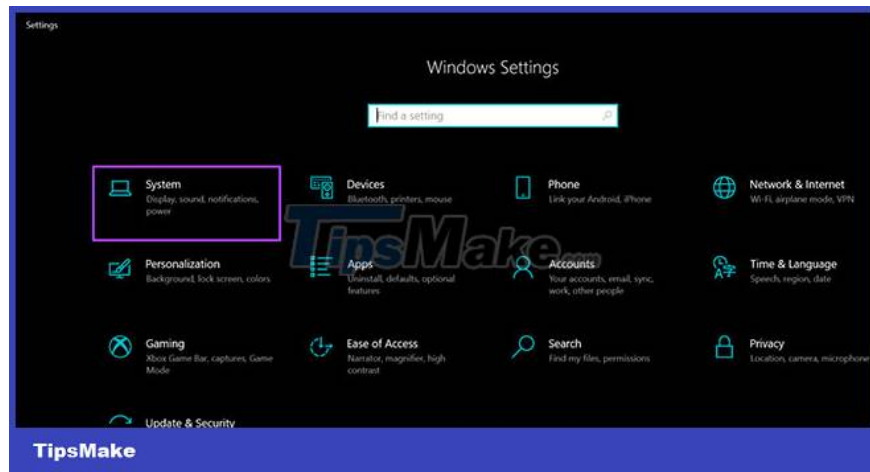
There are certain situations where you need to know the amount of RAM on your PC, such as when you need to know if your RAM is large enough to handle running applications with large memory consumption. When the system slows down, you may also need to find out the amount of RAM to be sure of the cause. Here are different ways to check your RAM capacity on Windows 11.

1. Check the amount of RAM using PC Settings

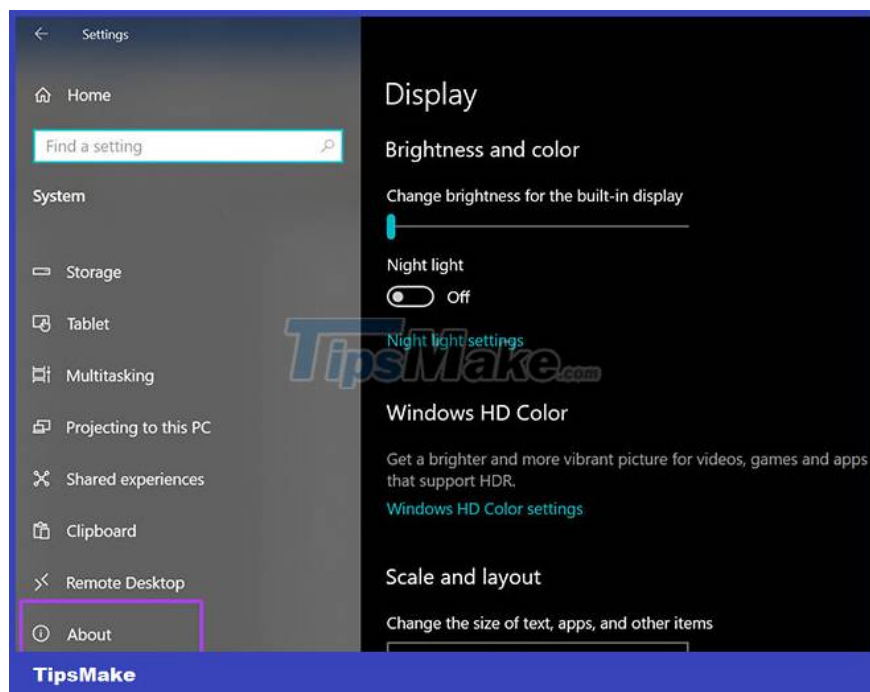
To check the amount of RAM using PC Settings, perform the steps below:

Step 1 : On a PC, click the **Start** menu at the bottom left of the screen.

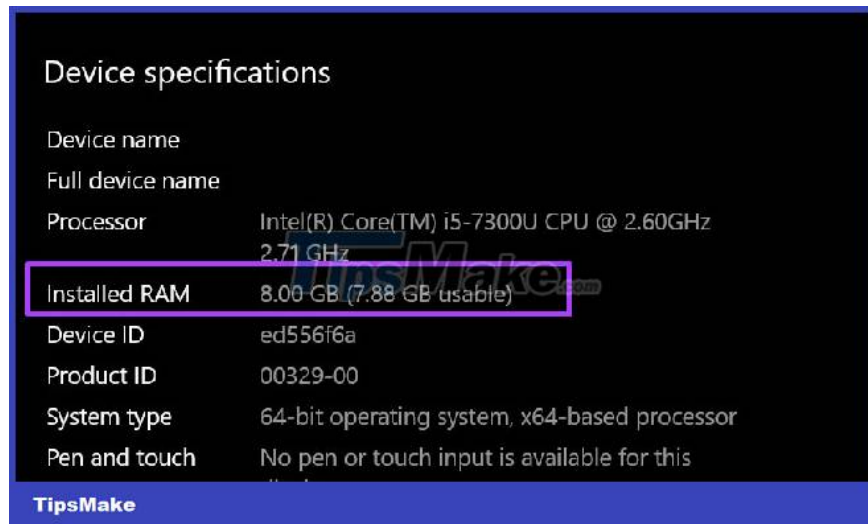
Step 2 : Click the gear icon to launch Windows Settings.



Step 4 : On the left pane of the **System** window , scroll to the bottom and click **About** from the options listed.



Step 5 : Under **Device Specifications** , read carefully to find information about your RAM capacity.



2. Check RAM capacity with System Information

Here's how to check the amount of RAM using System Information:

Step 1 : Launch the Run dialog box by simultaneously pressing **Windows + R** keys on the keyboard.

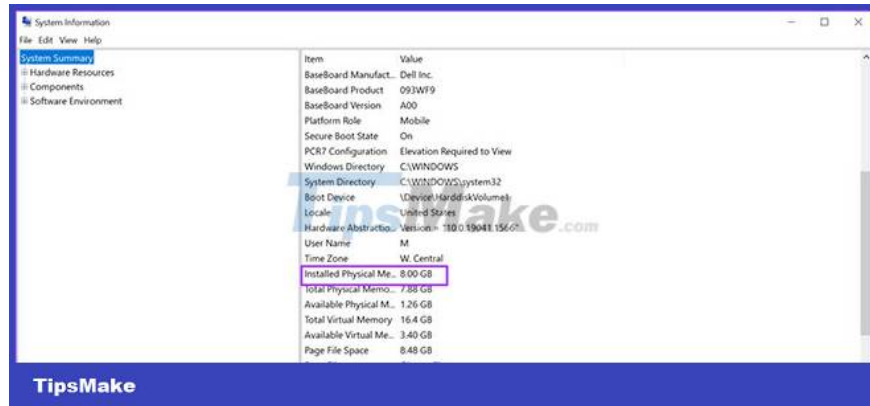
Step 2 : Enter **msinfo32** in the empty field next to **Open**.

Step 3 : Click **OK** to open the **System Information** window .

Step 4 : Click **System Summary** on the left pane of the **System Information** window.



Step 5 : Go to the right pane of the **System Information** window and scroll down to **Installed Physical Memory (RAM)**. You will see the RAM size on your PC.



3. Check RAM capacity with Command Prompt

Command Prompt is another way to find out how much RAM your computer has. Most people consider this process a bit difficult because it requires you to enter a specific command. The article has made this easier for you by summarizing the commands you need for the process below:

Step 1 : On a PC, click the **Start** menu at the bottom left of the screen.

Step 2 : In the search field, enter the query for **Command Prompt**.

Step 3 : Click on the corresponding result to launch Command Prompt.

Step 4 : Type the following command into Command Prompt.

```
wmic memorychip get/format:list
```

Step 5 : Press **Enter** on the keyboard to run the command.

Step 6 : From the results, find the value next to **Capacity** , which represents the amount of your RAM.

```
Command Prompt
Microsoft Windows [Version 11.0.19042.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\J      >wmic memorychip get/format:list

Attributes=1
BankLabel=BANK 2
Capacity=8589934592
Caption=Physical Memory
ConfiguredClockSpeed=2133
ConfiguredVoltage=1200
CreationClassName=Win32_PhysicalMemory
DataWidth=64
Description=Physical Memory
DeviceLocator=DIMM B
FormFactor=12
HotSwappable=
InstallDate=
InterleaveDataDepth=0
InterleavePosition=0
Manufacturer=80AD000080AD
MaxVoltage=1200
MemoryType=0
MinVoltage=1200
Model=
Name=Physical Memory
OtherIdentifyingInfo=
PartNumber=HMA81GS6AFR8N-LH

TipsMake
```

You will always get a numeric value after entering the above commands. If you're not sure what a numeric value means, you can always do your research.

4. Check RAM capacity with Task Manager

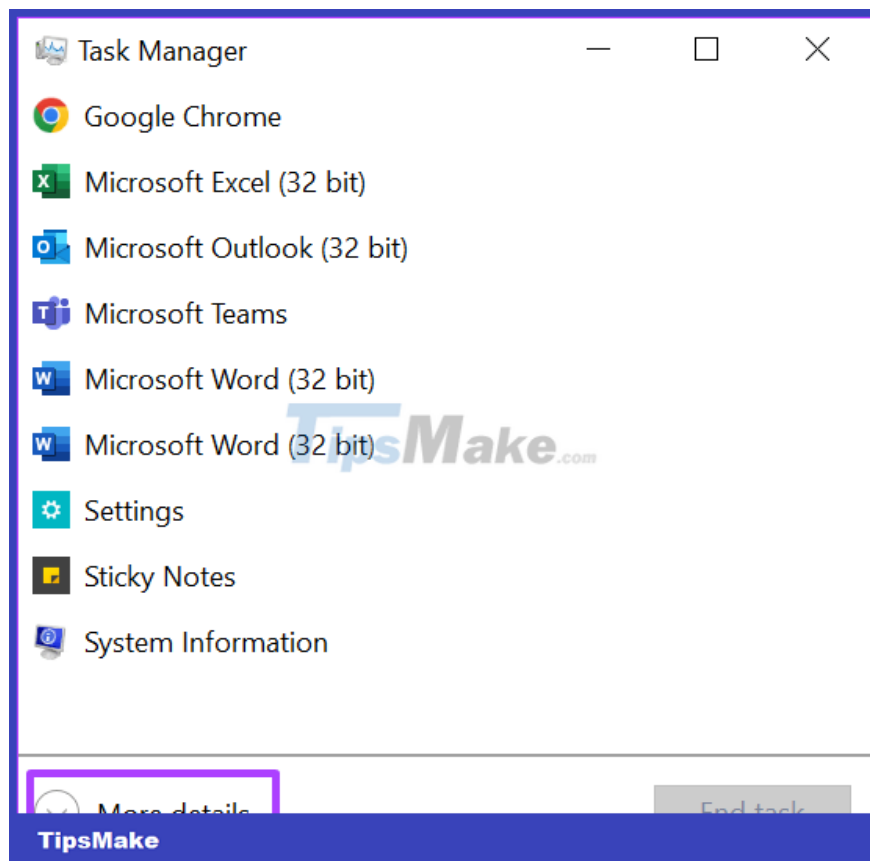
Task Manager is one of the most important features of the computer. It is a flexible application and provides information about your computer's processes and memory status, such as RAM capacity, usage, and speed. Follow the steps below to check your PC's RAM capacity using Task Manager:

Step 1 : Right-click on your PC's Taskbar.

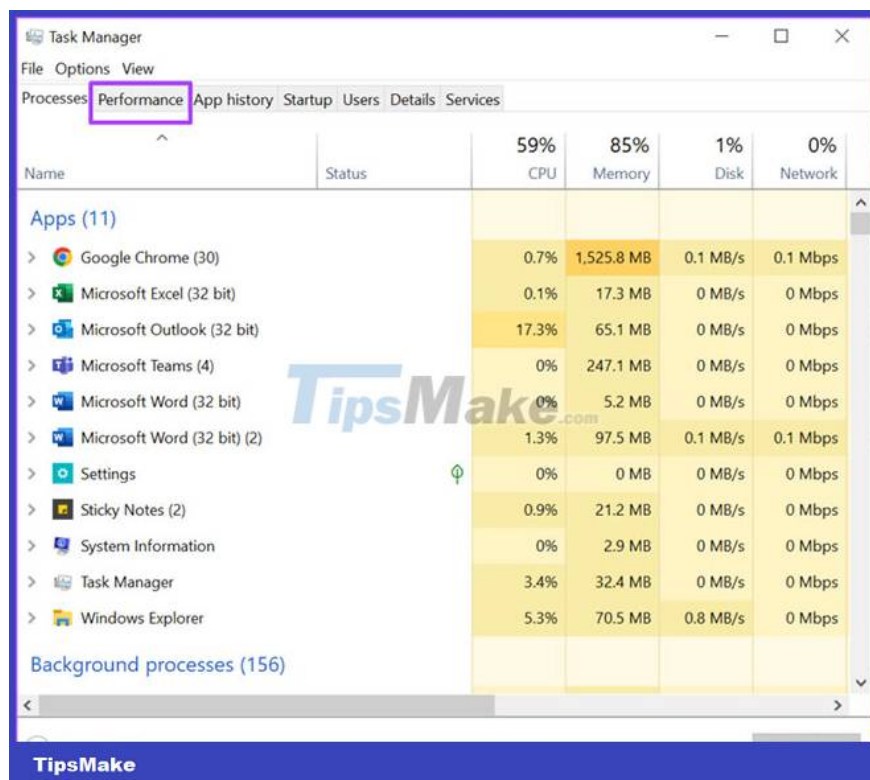
Step 2 : Click on **Task Manager** from the listed options.

You can also launch the Task Manager by simultaneously pressing the **Ctrl + Alt + Delete** keys on your keyboard.

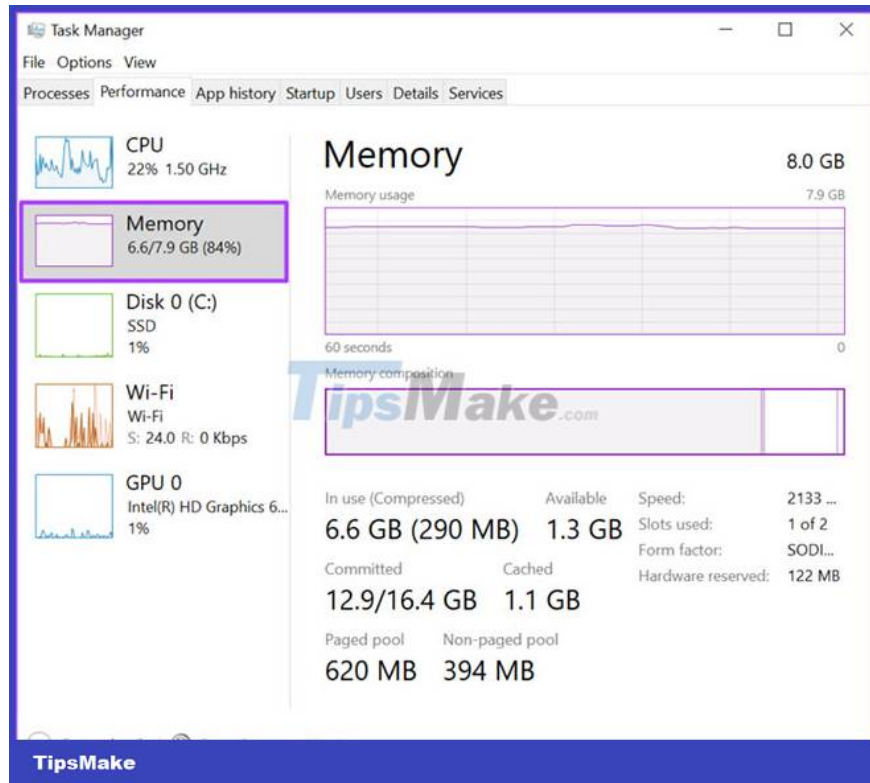
Step 3 : If your **Task Manager** launches as a small window, go to the bottom left of the window and click **More details** to expand it.



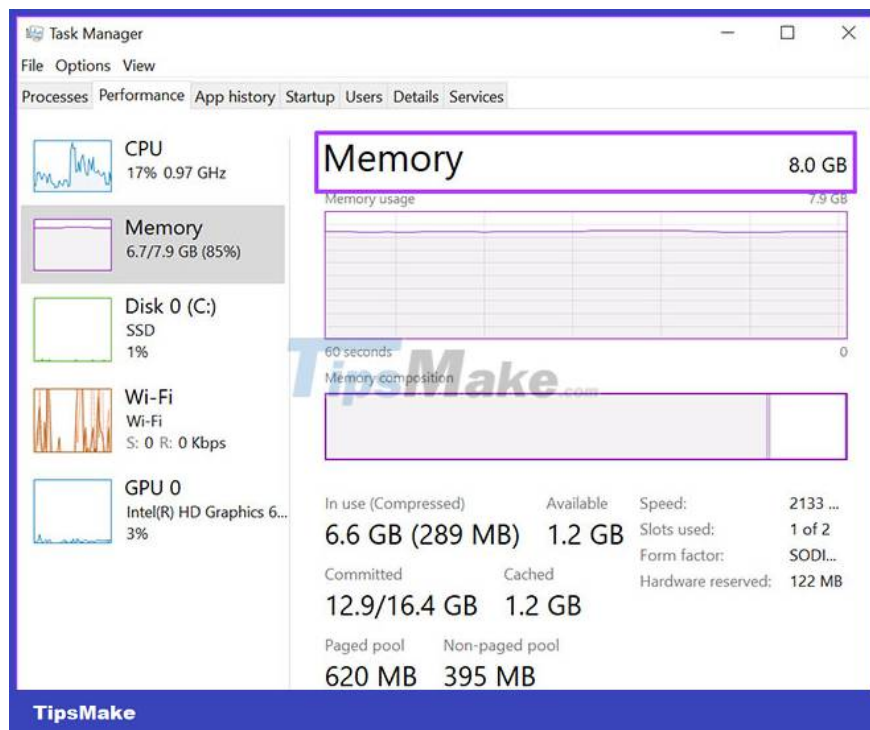
Step 4 : From the tabs at the top of the window, click **Performance**.



Step 5 : Place the cursor on the sidebar and click **Memory** to see all information about your RAM.



Step 6 : On the right side of the **Memory** pane , you will see the amount of RAM stated at the top.



The upper part of the window shows the amount and type of RAM, while the lower part shows the RAM usage, speed, size and model form factor, etc.

Above is how to check the amount of RAM on a Windows 11 computer. One thing to note is that the RAM of the PC only stores temporary data. Therefore, when your PC turns off, the information is lost. However, for PC hard drives or memory cards, you can recover damaged or lost information.

You finished reading the article "**4 best ways to check RAM capacity on Windows 11**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.