

# Determining if Your Computer is 32-Bit or 64-Bit

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## QUESTION


How do I determine if I have a 32-bit or 64-bit system?

## ANSWER

In this article, we will explain how to determine if your system is a 32-bit or 64-bit system. Please select the applicable option below to learn more:

- [macOS](#)
- [Windows](#)

## To determine the system type for macOS

1. Open the **Apple**  menu and select **About This Mac**.

2. Click the **System Report** button. If you do not see this button, click **More Info**, then scroll down and click the **System Report** button.
3. On the **HARDWARE** panel, under the Hardware Overview heading, focus on the line item(s) directly below the Model Identifier.
  - If you're using a Mac with an Intel-based processor, take note of the **Processor Name** line item, then proceed to Step 4.




- If you're using a Mac with an Apple silicon chip (e.g. M1, M2, M3, M4, etc.), you will see **Model Number** and **Chip** line items. All Apple silicon chips use 64-bit architecture.

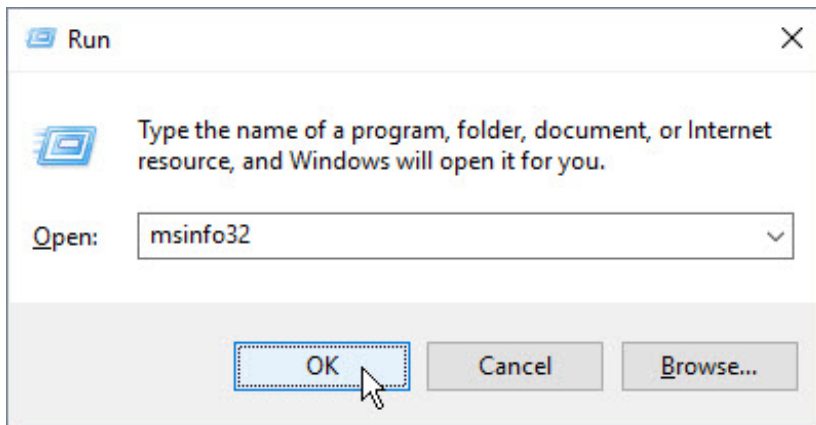


4. If you're using a Mac with an Intel-based processor, you can use the chart below to identify your system type.

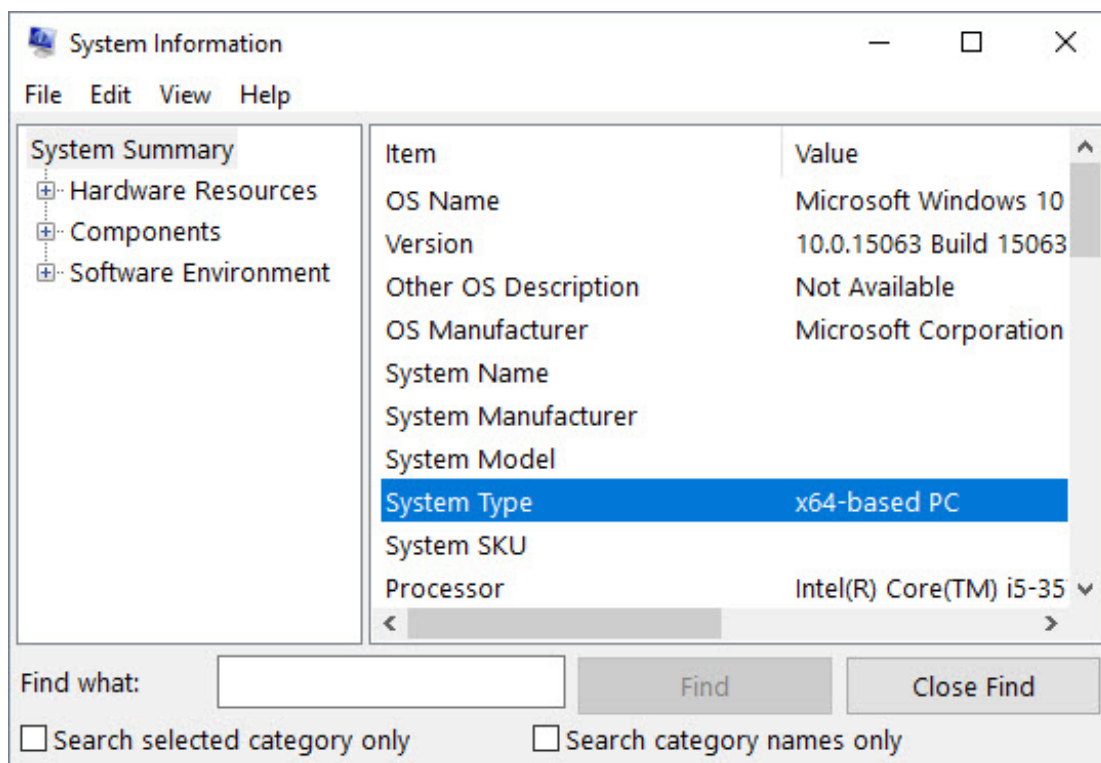
| Processor Name       | 32- or 64-bit |
|----------------------|---------------|
| Intel Core Solo      | 32 bit        |
| Intel Core Duo       | 32 bit        |
| Intel Core 2 Duo     | 64 bit        |
| Intel Quad-Core Xeon | 64 bit        |
| Dual-Core Intel Xeon | 64 bit        |
| Quad-Core Intel Xeon | 64 bit        |
| Core i3              | 64 bit        |
| Core i5              | 64 bit        |
| Core i7              | 64 bit        |
| Core i9              | 64 bit        |

# To determine the system type for Windows

1. On the keyboard, hold down the **Windows Key** , then press the letter **R**.
2. In the **Run** dialog that displays, type in `msinfo32` and click **OK**.



3. On the **SYSTEM SUMMARY** panel of the **System Information** dialog that displays, locate the **System Type** line item.



- An **x64-based PC** Value is a system that uses 64-bit architecture.
- An **x86-based PC** Value is a system that uses 32-bit architecture.

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