

iMac (Mid 2007): Installing or replacing memory

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Summary

This article describes how to install additional memory or replace the installed memory in your iMac (Mid 2007) computer.

The iMac (Mid 2007) computer has two side-by-side Synchronous Dynamic Random-Access Memory (SDRAM) slots in the bottom of the computer, and comes with at least 1 GB Double Data Rate (DDR2) SDRAM installed into one slot.

The maximum amount of random-access memory (RAM) you can install in the computer is 4 GB (2 GB SO-DIMM in each slot).

Products Affected

iMac (24-inch Mid 2007), iMac (20-inch, Mid 2007)

You can use Small Outline Dual Inline Memory Module (SO-DIMM) that meet **all** of these criteria:

- PC2-5300
- Unbuffered
- Nonparity
- 200-pin
- 667 MHz DDR2 SDRAM

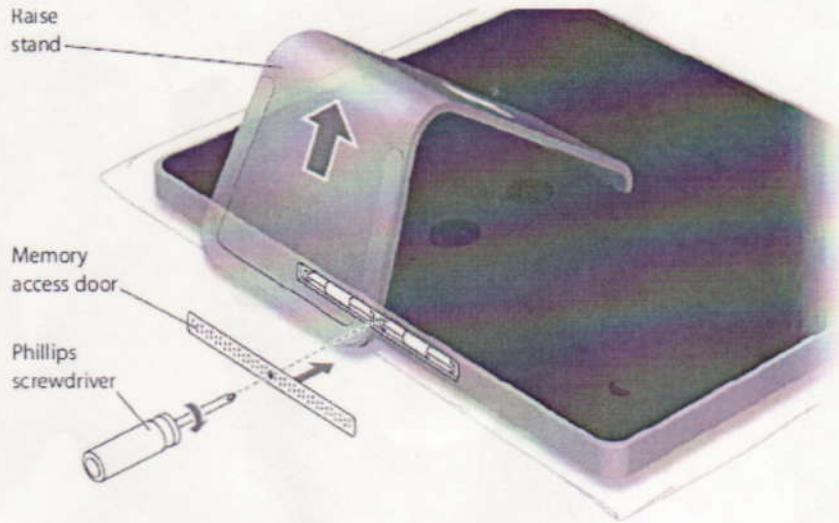
You can use RAM module sizes of 1 or 2 GB in each slot.

DIMMs with any of the following features are **not** supported:

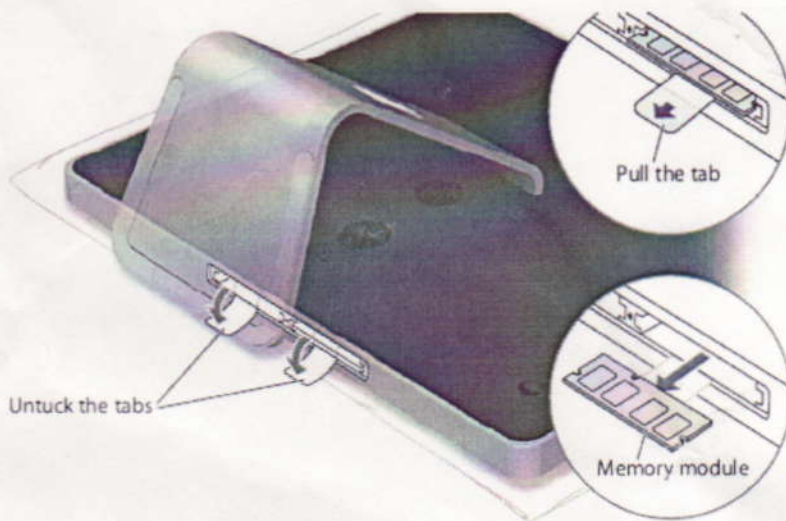
- Registers or buffers
- PLLs
- Error-correcting code (ECC)
- Parity
- Extended data out (EDO) RAM

To install memory into the bottom slot, follow these instructions:

1. Turn your computer off by choosing **Shut Down** from the **Apple** menu.
2. Disconnect all cables and the power cord from your computer.
3. Place a soft, clean towel or cloth on the desk or surface to prevent scratching the LCD display.
4. Hold the sides of the computer and slowly lay the computer face-down.
5. Using a Philips screwdriver, remove the RAM access door in the bottom of the computer.
6. Remove the access door and set it aside.
7. Untuck the tab in the memory compartment. If you are replacing a memory module, untuck the tab and pull it to eject any installed memory module.



8. Insert your new or replacement RAM SO-DIMM into the empty slot, keeping in mind the orientation of the keyway of the SO-DIMM as shown above.
9. Once inserted, press the DIMM up into the slot. You'll hear a slight click when the memory is seated correctly.
10. Tuck the tabs above the memory DIMMs, and re-install the memory access door.
11. Stand the computer in its upright position, reconnect the power cord and all other cables to the computer, then start the computer.



Additional Information

For more information about the SDRAM in the iMac (Mid 2007) computer, see this article.