Apple Service - Troubleshoot and Repair

Tech Info Library

TITLE

iMac: Type of Memory to Order to Upgrade RAM and VRAM

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TOPIC

What type of random access memory (RAM) is used in iMac?

DISCUSSION

Note: The information in this article is valid for the original iMac only. Refer to TIL article 58466: "**iMac (Slot Loading): Memory Upgrades**" for information on upgrading that computer.

SUMMARY

The iMac has two memory expansion slots. To expand the built-in memory (DRAM) in your iMac, use the following information when ordering memory:

- DRAM Form Factor - SO-DIMM
- DRAM Type - SDRAM, 3.3 volt (V), unbuffered, 64-bit wide, 144-pin, with Serial Presence Detect
- DRAM Speed - 100 MHz, 10 ns (or faster meaning a lower number)
- Max size of SO-DIMM Supported - 64 MB per slot (revision /A iMac), or 128 MB per slot (revision /B iMac and 266 megahertz iMac)
- Total DRAM Supported - 128 MB with both slots filled (revision /A iMac), or 256 MB (/B iMac, 266 MHz, and 333 MHz iMac)

Note: Although /A iMac computers may work with higher capacity SO-DIMM's than stated, these larger sizes weren't available for official testing at the time of product development, and so therefore aren't included.

Refer to TIL article 43012: "**iMac: Installing Memory (1 of 2)**" for specific instructions on installing memory into iMac.

To expand the video memory (VRAM) in your iMac, use the following information when ordering VRAM:

- Form Factor - SO-DIMM
- RAM Type - SGRAM

EXTENDED Information - Apple Internal Use - Service Providers and Support Professional

Document Information
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