



Apple XServe G5 Memory Upgrade Installation Instructions

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Adding Memory

The server has eight memory slots (in two banks of four each), at least two of which are filled at the factory. You may install additional dynamic random-access memory (DRAM) in packages called Dual Inline Memory Modules (DIMMs) in the eight DRAM DIMM slots on the server's main logic board. DIMMs must be installed in pairs, and you may expand your computer's DRAM to a maximum of 8 gigabytes (GB). To check the amount of DRAM installed, use Apple System Profiler (in Applications/Utilities).

DIMMs must fit these specifications:

PC3200 error-correcting (ECC), double-data-rate (DDR) Synchronous DRAM (SDRAM), also known as DDR-400

2.5 volt (V)

64-bit wide, 184-pin module

18 memory devices maximum

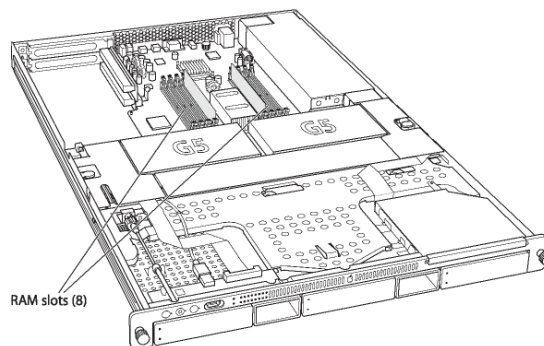
Unbuffered (not registered or buffered)

Maximum height of 1.25 inches

Important: DIMMs from older Macintosh computers are not compatible with your server. Do not use older DIMMs even if they fit into the DIMM slots.

Follow these steps to install memory in the server.

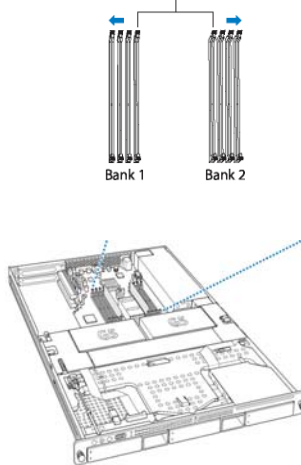
1. Shut down the server. (Note: Be sure to alert users of the server that it will be unavailable for a period of time).
2. Disconnect the power cord from the back panel of the server. (If the cable management arm is not attached, you also need to disconnect cables from the back panel.)
3. Open the server to its full length.
4. Locate the RAM slots at the rear center of the server.



Important: Memory DIMMs must be installed in pairs. You place one DIMM in each bank of slots, in a corresponding position (for example, in the empty slot closest to the center of the server in each bank for the first pair, in the slot next closest to the center for the second pair, and so on). Always start with the open slot closest to the center of the server in both.

If slots are available, and you want to install more memory, install additional DIMMs in this fashion: In pairs, one per bank, from the center outward.

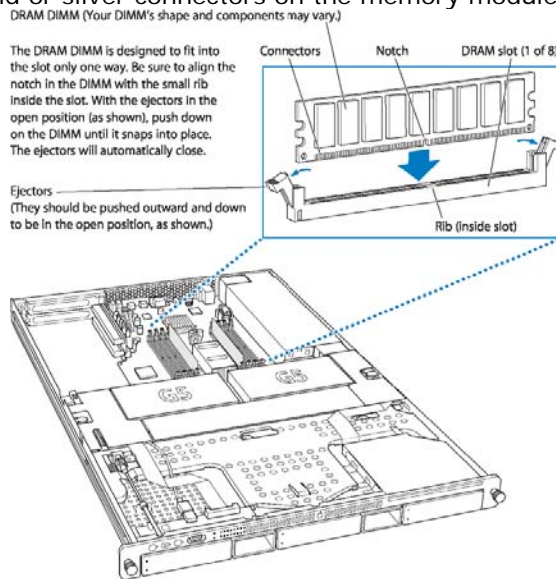
DIMMs are already installed in these two slots:



5 Open the ejectors on the DIMM slot you want to use by pushing down on them.

5. Open the ejectors on the DIMM slot you wish to use by pushing down on them (see illustration above).

6. Align the DIMM in the slot as pictured and push the DIMM down until the ejectors snap into place.
Important: Do not touch the gold or silver connectors on the memory module. Handle it only by the edges.



7. Install the second DIMM of the pair in the corresponding slot in the other bank.
8. Close the server and tighten its thumbscrews.
9. Reconnect the power cord and any cables that you disconnected.

IMPORTANT

PLEASE CONTACT A QUALIFIED TECHNICIAN FOR ASSISTANCE IN INSTALLING OR USING THIS PRODUCT IF YOU ARE NOT FAMILIAR WITH DOING SO. ANY INSTRUCTIONS INCLUDED WITH THE PRODUCT ARE FOR CONVENIENCE ONLY AND ARE NOT INTENDED TO BE ALL-INCLUSIVE.



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