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Power Macintosh: Why SIMMs Must Be Installed In Pairs (1/95)

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TOPIC -----

My Centris 610 has one 16MB SIMM installed. I'd like to put that SIMM in my Power Macintosh 6100 but Apple tells me I can't. Why can't I use just one SIMM in my Power Macintosh?

DISCUSSION -----

The Centris SIMM you have is the right kind for your Power Macintosh 6100, but you need a matching pair to do the upgrade. The Centris has a 32-bit wide memory system, and the SIMM is 32 bits wide, so a single SIMM is all you need to add memory. On the Power Macintosh 6100, though, we have a 64-bit wide memory system. This requires two matching SIMMs to perform an upgrade.

If you only install one SIMM, the machine still boots, but it will not use that memory because the full 64-bit wide memory isn't there. As to where the RAM goes, there are two SIMM connectors next to the power supply for the two SIMMs.

The same two SIMM installation requirement holds true for the Power Macintosh 7100 and the Power Macintosh 8100.

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