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Power Macintosh: Expanding VRAM on PDS Video Card (4/95)

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TOPIC ---

This article describes expanding video random-access memory (VRAM) on the Power
Macintosh Video Card for the Power Macintosh 7100 and 8100 series computers.

DISCUSSION --

There are two unique video cards for the Power Macintosh computer. A video card
upgradeable to a total of 2 MB is available for the Power Macintosh 7100. A
video card upgradeable to a total of 4 MB is available for the Power Macintosh
8100. VRAM expansion is accomplished by inserting four 68-pin, 80 ns SIMMs in
connectors on the video card.

The Power Macintosh Video Card adds a second monitor output and 1 MB of 32-bit
VRAM separate from system RAM on the Power Macintosh 7100 card, and 2 MB of
32-bit VRAM on a 8100 card. Monitor output is through a standard DB-15
connector.

SIMMs for both VRAM expansion cards have the same pin assignments and external
dimensions. However, SIMMs for the card in the Power Macintosh 7100 have two
chips, each storing 128K by 8 bits; SIMMs for the card in the Power Macintosh
8100 have four chips, each storing 256K by 4 bits.

VRAM expansion is not possible on the Power Macintosh 6100/60 computer because
there is no VRAM Expansion Card for it.

Article Change History:
26 Apr 1995 - Clarified name of card and article readability.
22 Nov 1994 - Added Power Macintosh 8100/110.
21 Mar 1994 - Changed title to reflect actual name of card.

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