Performa 600: Video RAM

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Article Change History

09/15/92 - UPDATED
- To include full name of AppleCD 300i.

TOPIC ---

This article describes the Macintosh Performa 600's VRAM (video RAM).

DISCUSSION ---

The Performa 600 uses VRAM for video and sound data storage. This internal video support is similar to that of the Macintosh LC and LC II. It is an improvement on the Macintosh IIci and IIsi scheme, which used available main DRAM for video and sound, causing delays when both the video circuitry and the CPU were accessing DRAM at the same time. The VRAM is installed into two 68-pin SIMM sockets with pinouts identical to that of VRAM sockets on the Macintosh LC and LC II, and Macintosh Quadras. Both SIMM sockets must be filled with either 256K or 512K SIMMs. The video data path is 32 bits wide.

Two 256K SIMMs (part #M5953LL/A) yield 512K of VRAM and support 640 x 480 displays at up to 8 bits/pixel (256 colors or shades of gray) or 512 x 384 displays at up to 16 bits/pixel (thousands of colors).

Two 512K SIMMs (part #M0517LL/A) yield 1MB of VRAM, which supports 640 x 480 and 512 x 384 displays at up to 16 bits/pixel. This 1MB VRAM configuration is standard on any Performa 600 configured with the optional AppleCD 300i.

Keywords: <None>

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