Tech Info Library

PC Compatibility Card (12-inch): Adding Memory (2/97)

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Revised:        2/11/97
Security:       Everyone
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TOPIC ---

I need to add memory to my 12-inch PC Compatibility card, but I'm not sure what
type of memory I need to purchase. What type of memory can I use?

DISCUSSION --

Compatibility
=============
The 12-inch PC Compatibility cards use JEDEC-standard 168-pin DIMMs (dual inline
memory module) DRAM cards. The DIMMs should be 64-bit-wide, 168-pin fast-paged
mode (FPM) with a 70ns access time or faster. DIMMs built with either Extended
Data-out (EDO) or asymetrical DRAMs are not supported on the 12-inch PC
Compatibility card.

NOTE:
If you are adding a 32 MB or 64 MB DIMMs to the PC Compatibility Card, then you
may need to install the PC Setup DIMM Patch from one of the Apple Online
Software Updates areas. See the Technical Information Library article "12 Inch
PC Compat Card: Freezes With 32 MB & 64 MB DIMMs" for more information.

Expansion
=========
The 12-inch PC Compatibility card comes standard with 8 MB of on-board DRAM. In
addition, the 12-inch PC Compatibility card has one RAM expansion slot. You can
use DRAM configurations with DIMMs of these sizes: 8, 16, 32 or 64 MB. The exact
configuration depends on the density of the DRAM chips that are mounted on the
DIMMs. You can increase the 12-inch PC Compatibility card total DRAM to up to a
maximum of 72 MB.

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11 Feb 1997 - Reworded for clarity.
10 Sep 1996 - Added information about software patch.

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