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Mac OS 7.6: Processor Upgrade Card Compatibility (2/97)

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TOPIC ---

Which processor upgrade cards work with Mac OS 7.6?

DISCUSSION --

Mac OS 7.6 is not recommended for a 68030-based computer with a 68040 upgrade
card installed. If Mac OS 7.6 is installed on a computer with this
configuration, it will exhibit problems starting up.

The performance improvements implemented in System 7.5 update 2.0 (7.5.3)
specifically for 68030-based computers, can cause cache flushing problems on the
68040 upgrade card when Mac OS 7.6 is installed. There is no workaround to user
Mac OS 7.6 with these upgrade cards installed. System 7.5.x users can startup in
24 bit mode with Virtual Memory turned off, turn off the cache of their 68040
cards, and still see benefit from their upgrade card.

Although Apple has not done extensive testing, cards which only increased the
speed of an existing processor should work. For example, a 33 MHz 68040 upgrade
card in a 25 MHz 68040 computer, or a 33 MHz or 40 MHz 68030 upgrade card in
Macintosh IIci class computers. These cards should work correctly with Mac OS
7.6.

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