



Tech Info Library

68LC040 Macintosh Computers: FPU Upgrade (7/95)

Revised: 7/6/95
Security: Everyone

68LC040 Macintosh Computers: FPU Upgrade (7/95)

=====
Article Created: 21 October 1993
Article Reviewed/Updated: 06 July 1995

TOPIC -----

Can I add an FPU (floating point unit) to any of the following computers:

- Macintosh LC 475
- Performa 475 and 476
- Quadra 605
- Macintosh 57x Family
- Macintosh 630 Family

The following computers are in the Macintosh 57x family: Performa 575, Performa 577, Performa 578, and LC 575.

The following computers are in the Macintosh 630 family: Performa 630, Performa 635, Performa 636, Performa 637, Performa 638, LC 630, and Quadra 630.

DISCUSSION -----

The Macintosh LC 475, Performa 475 and 476 and the Quadra 605 have a 25MHz 68LC040 microprocessor. Computers in the Macintosh 57x family and the Macintosh 630 family have a 33MHz 68LC040 microprocessor. In order to upgrade to a microprocessor with a floating point unit (FPU), it is necessary to remove the existing microprocessor from its socket, and replace it with a full 68040 microprocessor, which corresponds to the speed of the original 68LC040 processor. Unlike the LC III, these models have no specific FPU socket on the logic board.

Such an upgrade would not come from Apple. Apple has no plans to market an FPU upgrade, nor does Apple officially support this configuration

Article Change History:

- 07 Jul 1995 - Added Macintosh 57x and 630 families
- 11 Nov 1993 - Added note that Apple doesn't support third-party upgrade.

Support Information Services

Copyright 1993, Apple Computer, Inc.

Tech Info Library Article Number:13565