



# Tech Info Library

## Macintosh 128K and 512K: Upgrade Paths

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### Macintosh 128K

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To upgrade a 128K Macintosh to a Macintosh Plus, a Level I Service Technician installs both:

- M2516 Macintosh Plus Disk Drive Kit, and
- M2518 Macintosh Plus Logic Board Kit (128K)

The M2519 Keyboard is optional.

### Macintosh 512K

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The Macintosh 512K can be upgraded to three different configurations:

- Option 1 - Macintosh 512Ke
- Option 2 - Macintosh Plus with a Macintosh 512K keyboard (no numeric pad)
- Option 3 - Macintosh Plus with a Macintosh Plus keyboard (includes the numeric pad)

#### Option 1

To upgrade a Macintosh 512K to the Macintosh 512Ke, a Level I Service Technician installs a M2516 Macintosh Plus Disk Drive Kit. This kit contains the 128K ROMs and an internal 800K floppy disk drive (they replace the Macintosh 512K's 64K ROMs and internal 400K floppy disk drive).

#### Option 2

To upgrade a Macintosh 512K to a Macintosh Plus (without a numeric pad), a Level I Service Technician does the Macintosh 512K-to-Macintosh 512Ke upgrade first; that is, installs the 800K disk drive. Next, the technician installs a M2518 Macintosh Plus Logic Board Kit (512K) and inserts the 128K ROMs in the Macintosh Plus Logic Board. The result is a Macintosh Plus with the Macintosh 512K keyboard.

Option 3

To upgrade a Macintosh 512K to a Macintosh Plus (with numeric pad), after the Service Technician installs both M2516 and M2518 (as in Option 2), a M2519 Macintosh Plus Keyboard is plugged in. The result is a full-featured Macintosh Plus.

Using an External 800K Drive With a Macintosh 512K

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An external 800K drive can be used with a Macintosh 512K that hasn't been upgraded to a Macintosh 512Ke or Macintosh Plus, provided the system file named HD20 Startup is in the System Folder. HD20 Startup was used before the HFS (128K) ROMs were introduced, to allow connection of the original non-SCSI HD20. This system file also works with 800K floppy drives on a Macintosh 512K.

Part Numbers

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- M2516 Macintosh Plus Disk Drive Kit
- M2518 Macintosh Plus Logic Board Kit (512K)
- M2518 Macintosh Plus Logic Board Kit (128K)
- M2519 Macintosh Plus Keyboard

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