



Enhance

Clip-on board that upgrades a Macintosh 512 or 512e to a 2 Mb Macintosh Plus

Enhance upgrades a Macintosh 512* or 512e to the level of a Macintosh Plus and beyond. This dealer-installed, clip-on board has three important features: it increases the memory capacity of the Macintosh from 512K to 2 Mb, and can be further expanded to 4 or even 6.5 Mb; it enables the computer to run 30% faster than the Macintosh Plus; and it includes a SCSI port to allow connection to SCSI hard disks and other peripherals.

2 MB OF RAM, EXPANDABLE TO 4 OR 6.5 MB

For the user who runs large spreadsheets and databases, or multiple programs using Switcher, 1 Mb of memory is often insufficient. Enhance provides the Macintosh 512 with 2 Mb of contiguous memory in the form of six 256K Single In-line Memory Modules (SIMMs) of the same type used by Apple in the Macintosh Plus. This combined 1.5 Mb is coupled to the Macintosh's original 0.5 Mb (512K), providing a total of 2 Mb.

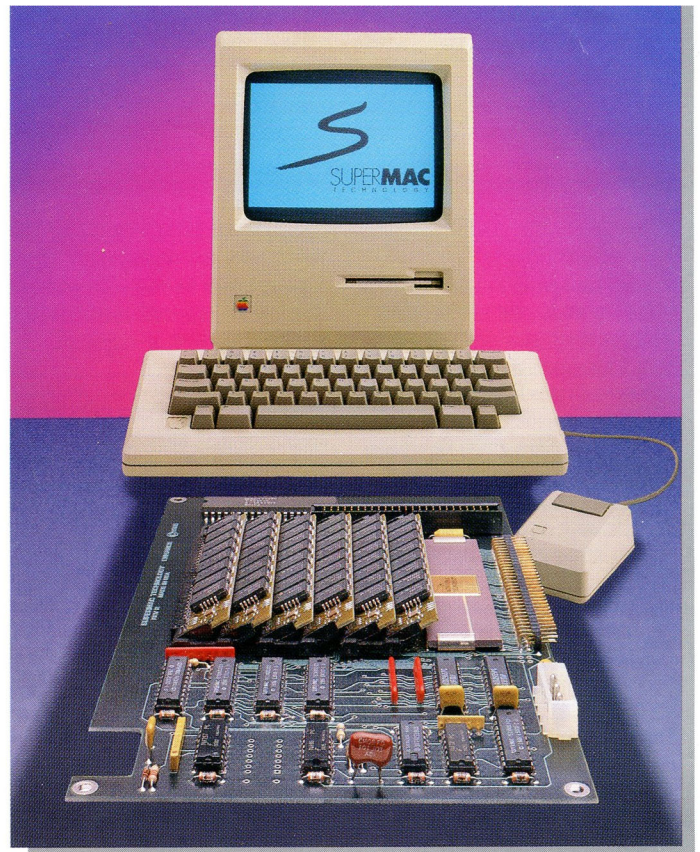
The 256K SIMMs can easily be snapped out and replaced with

1 Mb modules, permitting expansion to 4 or even 6.5 Mb of memory. The ability to expand to 6.5 Mb marks a major advance in Macintosh upgrade technology, which until now has been limited to a maximum of 4 Mb.

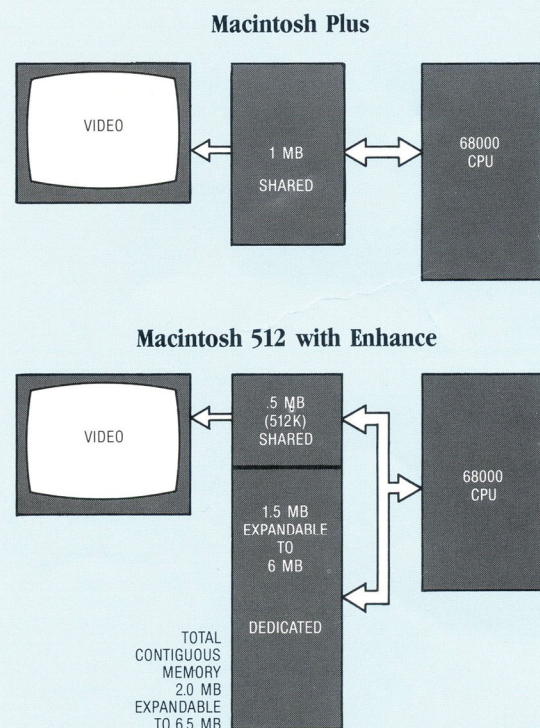
30% FASTER THAN THE MACINTOSH PLUS

The RAM chips of a Macintosh Plus must alternate back and forth between two jobs: carrying out the microprocessor's commands, and constantly maintaining the video display on the screen. The effect is that the RAM is available to the CPU only half the time.

Enhance contains its own 68000 microprocessor that communicates directly with the board-on-board RAM. Because this 1.5 Mb serves only the microprocessor, leaving the task of maintaining the video display to the "original" 512K, programs run 30% faster on a Macintosh upgraded with Enhance.



HOW ENHANCE MAKES YOUR MACINTOSH 512 FASTER THAN THE MACINTOSH PLUS



*Apple's ROM/Disk upgrade required for Macintosh 512.

SCSI PORT INCLUDED

A Small Computer System Interface (SCSI) port is one of the main features distinguishing the Macintosh Plus from the 512 or 512e. Enhance comes with a SCSI port that is functionally identical to that of the Macintosh Plus. Equipped with this port, the "Enhanced" Macintosh can use fast SCSI peripherals such as our DataFrame and DataFrame XP hard disk drives.

The SCSI connector uses the rear battery compartment cover as its exit point. The battery itself remains completely accessible.

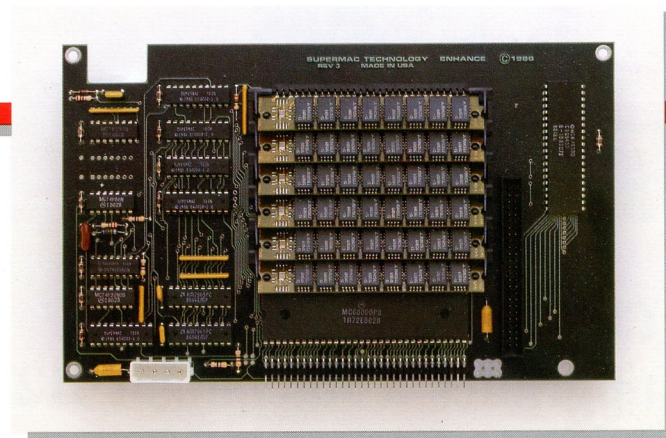
EASILY DEALER-INSTALLED

Enhance can be installed by a dealer in minutes because it clips directly to the existing 68000 microprocessor without soldering or any other physical alteration of the Macintosh's electronics.

Aside from the replacement of the battery cover by the SCSI port, no internal or external modification to the computer is required.

FULL LIFETIME WARRANTY

Enhance comes with a full lifetime warranty. For as long as you own your Macintosh, in the unlikely event that Enhance should fail, SuperMac Technology will repair or replace it at no cost to you.



SPECIFICATIONS

Memory	2 Mb, consisting of 1.5 Mb (six 256K x 1 SIMM DRAMs) on daughter board and 512K on motherboard Expandable to 4 or 6.5 Mb with addition of 1024K x 1 SIMM DRAMs (megabit chips). SIMMs snap onto sockets on daughterboard. No soldering required.
Power consumption	Current draw, including motherboard: 1.25 Amps at 5.0 Volts
Cooling	Low-noise, brushless fan included
Installation	Clip-on board; dealer-installed with no soldering or modification to the Macintosh
CPU compatibility	Macintosh 512e or 512 (certain older 512s with ceramic 68000 microprocessors will require a motherboard exchange to use Enhance)
ROM compatibility	512e or 512 with ROM/disk upgrade

Features and specifications are subject to change without prior notification.



SUPERMAC
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