

CuRAM-16 Plus

Micro Channel
memory for the
PS/2 Models
50, 50Z and 60

- ▶ Easy Installation
- ▶ OS/2, XENIX, UNIX,
and DOS compatible
- ▶ Extended and
expanded operation on
one board
simultaneously
- ▶ Up to 12Mb of ex-
tended or expanded
memory per board
- ▶ Supports LIM EMS 4.0
in hardware for fastest
operation
- ▶ Faster multi-tasking
operation using four
separate sets of map-
ping and DMA
registers
- ▶ User upgradable
with standard 256Kb
and 1Mb SIMMs
- ▶ Switchless installation
and configuration
- ▶ ASIC and surface
mount technology for
highest performance
and reliability
- ▶ Optional serial and
parallel daughter
board for increased
functionality

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CuRAM-16 Plus

The CuRAM-16 Plus lets you take full advantage of your IBM Models 50, 50Z, and 60. The CuRAM-16 Plus supports all four memory protocols in hardware for the fastest operation. Extended memory for running OS/2, XENIX, and UNIX; expanded memory (EMS 3.2), the Lotus/Intel/Microsoft standard; EEMS and EMS 4.0 for efficient multi-tasking of Windows 2.03, Excel, and Desqview. The CuRAM-16 Plus is your

complete memory module for the IBM Models 50, 50Z, and 60.

Up to 12Mb of Memory

Save your slots. With the CuRAM-16 Plus, you can have up to 12Mb of memory per board. Using standard SIMMs (Single In-Line Memory Modules), the CuRAM-16 Plus supports up to 2Mb with 256Kb SIMMs, and 12Mb with 1Mb SIMMs.

SPECIFICATIONS:

Memory Configurations (maximum)

- ▶ 2Mb with standard 256Kb SIMMs
- ▶ 12Mb with standard 1Mb SIMMs

Memory Speed:

- ▶ 120 ns

Protocols Supported in Hardware:

- ▶ Extended
- ▶ Expanded (LIM EMS 3.2 and 4.0)
- ▶ Enhanced Expanded (EEMS)

Software:

- ▶ Configuration Software
- ▶ RAM Based Print Spooler
- ▶ Extended Memory Emulator—Emulates Extended memory (utilized by DOS Vdisk) using Expanded memory

Optional Module

- ▶ Serial and Parallel Port (DOS and OS/2 Compatible)

Power Consumption:

- ▶ 0.85A Max (+5V)

FEATURES:

Expanded or Extended Memory

- ▶ Split into Expanded and Extended memory in 2Mb increments
- ▶ Change configuration in software

Micro Channel Support

- ▶ Designed especially for the Micro Channel
- ▶ Uses all features of the Micro Channel
- ▶ Allows maximum performance and functionality for IBM PS/2 Models 50, 50Z, and 60

Easy Installation

- ▶ No switches to set
- ▶ Automatic recognition of type and amount of memory installed
- ▶ Uses an IBM assigned Adapter I.D.
- ▶ Uses standard SIMMs 256 Kb and 1 Mb for easy user upgrade

Reliability

- ▶ Surface mount technology
- ▶ Multilayer Board (per Micro Channel specification)
- ▶ ASIC (Application Specific Integrated Circuit)

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