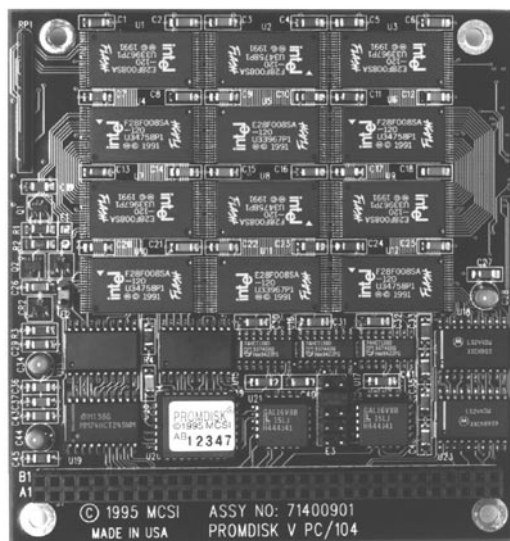


24MB PC/104 Solid State Disk Emulator



Description

PROMDISK V-104 is a high-performance solid-state disk emulator board for PC/104 compatible computers. The PROMDISK V-104 board emulates a Read/Write fixed disk drive with capacities ranging in size from 1M-byte to 24M-bytes using on-board non-volatile NOR Flash Memory. It can be configured as a bootable fixed drive for true DISKLESS operation. PROMDISK V-104 includes an on-board BIOS extension ROM, which contains the Datalight FlashFX integrated Flash file system and boot utilities. It is fully DOS and Windows compatible, allowing the user to copy and erase files using standard DOS commands.

PROMDISK V-104 can replace mechanical disk drives in systems designed to operate in harsh environments, or where weight and size are at a premium. The use of PROMDISK V-104 in embedded or dedicated applications offers substantial benefits in overall system cost, performance and reliability. Since PROMDISK V-104 operates at bus speeds and is not encumbered by mechanical latency, the average read/write throughput is dramatically increased over that of a typical hard disk drive. PROMDISK V-104 contains no moving parts, and incorporates low power CMOS technology to provide the highest reliability with the use of commercial grade components.

Features

- Emulates fixed disk up to 24M-bytes
- On-board BIOS ROM with Datalight Flash File System
- Surface Mount Intel Flash Memory for High Reliability
- Boots as drive C
- Occupies only 32K of memory address space
- PC/104 Size Board
- QNX Bootable ver 4.23
- Y2K Compliant

Memory

System Memory: 24M-bytes maximum, Intel 28F008A SMT NOR Flash

BIOS

16K BIOS Extension.

Bus

PC/104 compatible bus (64-pin connector).

DMA

None

Interrupts

None

I/O Ports

Memory command and data port jumper selectable.

Dimensions

Standard PC/104 board, 3.55"L X 3.775"H.

Power

+5VDC @ .08A, +12VDC @ .05A.

Ordering Information

The PROMDISK V-104 can be ordered in the following configurations:

71400	PROMDISK V-104 1MB
71401	PROMDISK V-104 2MB
71402	PROMDISK V-104 4MB
71403	PROMDISK V-104 8MB
71404	PROMDISK V-104 16MB
71405	PROMDISK V-104 24MB