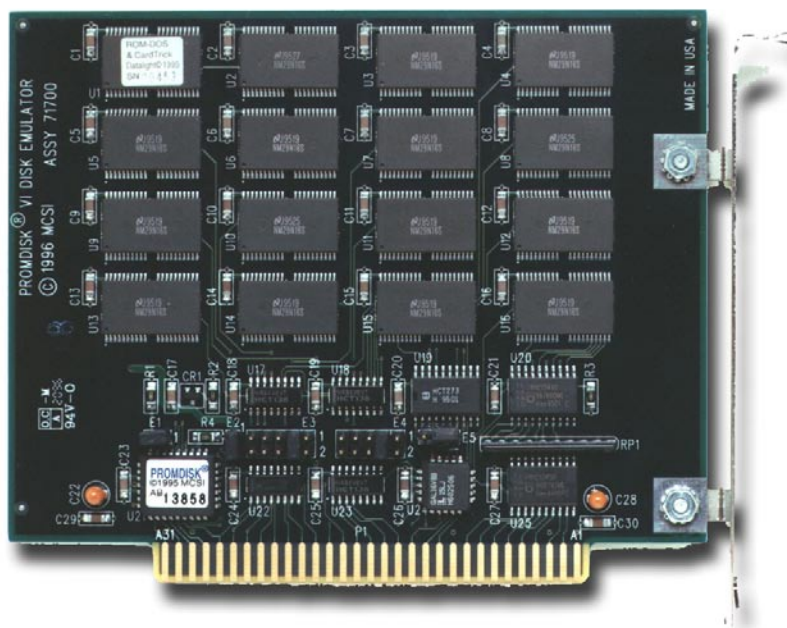


## 128MB Solid State Disk Emulator



### Description

PROMDISK VI is a high-performance, solid-state disk emulator board for ISA compatible computers. The PROMDISK VI board emulates a fixed disk drive with capacities ranging in size from 4MB to 128MB using on-board non-volatile NAND Flash Memory. It can be configured as a bootable fixed disk drive for true DISKLESS operation. PROMDISK VI includes an on-board BIOS extension ROM that 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 VI 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 VI in embedded or dedicated applications offers substantial benefits in overall system cost, performance, and reliability. Since PROMDISK VI operates at bus speeds and is not encumbered by mechanical latency, the average read/write throughput is increased over that of a typical hard disk drive. PROMDISK VI 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 128M-bytes
- On-board BIOS ROM with Datalight FlashFx Flash File System
- SMT NAND Flash Memory for High Reliability
- Boots as drive C
- Includes ROM-DOS version 6.22
- Occupies only 16K of memory address space
- Half-size ISA type board
- QNX Version 4.23 Drivers Available
- Y2K Compliant

### Memory

System Memory: 128M-bytes maximum, SMT NAND Flash Memory

### BIOS

16K BIOS Extension.

### Bus

ISA compatible bus (62-pin edge connector).

### DMA

None

### Interrupts

None

### I/O Ports

Memory command and data port jumper selectable.

### Dimensions

AT type board 5.15"L X 4.2"H.

### Power

+5VDC @ .12A.

### Ordering Information

The PROMDISK VI can be ordered in the following configurations:

71700	PROMDISK VI 4MB
71701	PROMDISK VI 8MB
71702	PROMDISK VI 16MB
71703	PROMDISK VI 24MB
71704	PROMDISK VI 32MB
71705	PROMDISK VI 64MB
71707	PROMDISK VI 128MB