

FEATURES

- 3.5" 720 KByte or 1.44 MByte floppy disk drive
- Double sided, standard or quad density
- Push button ejection mechanism
- Mounts directly inside a STD Bus card cage
- No extra mounting hardware required
- Supports STD-AT and XT compatible systems
- OEM version (without drive) available
- Very low power consumption
- +5 volt only operation

The FD3-720 and FD3-144 are floppy disk drive modules containing 3.5 inch, double sided, micro-floppy drives mounted directly on an STD Bus card. This configuration allows a floppy drive to be easily and conveniently mounted in a STD Bus card cage.

FUNCTIONAL CAPABILITY

Disk Drive - The FD3-720 and FD3-144 uses a 3.5" microfloppy whose features include a low profile, low power consumption, light weight, durability and high reliability. The mean time between failures (MTBF) for the drive is 30,000 POH. Standby power is 0.1 Watt max and 1.1 Watt typical during Read/Write mode.

The FD3-720 and FD3-144 are drive modules only. The WinSystems' MCM-DISK-AT or MCM-DISK-XT contain the controller and drive electronics necessary to interface the drive with a PC-XT/AT compatible STD Bus system.

Mounting Configuration - The disk drive is mounted directly on the STD Bus card and held in place by 4 screws. The STD Bus card cage provides mechanical positioning and rigidity plus power for the drive electronics. The drive will mount in any of the WinSystems' table top, rack mount or wall mount card cage configurations. The mounting also will not interfere with the optional hold down bar available for the card cages.

OEM Disk Mounting Kit - The disk drive STD Bus mounting board is available by itself for volume OEMs who wish to mount their own floppy disk drives. The kit includes the base board and power cable. The STD Bus disk drive mounting board is notched to facilitate cabling between multiple disk drives and the controller.



Warranty - The disk drives are not manufactured by WinSystems and are limited to the warranty (typically 90 days) provided by the original manufacturer.

SPECIFICATIONS

Electrical

Drives: Double sided/double density
720KBytes or 1.44MBytes formatted

Power = +5VDC @20mA (Stand-by)
220mA typ. (Read/Write)
890mA max. (Step during motor rotation)

Environmental

Operating Temperature: 10° to 45° C
Non-condensing relative humidity: 8 to 80%

ORDERING INFORMATION

FD3-720	3.5" Floppy Disk Drive Module, 720K Byte
FD3-144	3.5" Floppy Disk Drive Module, 1.44 MByte
FD3-0	OEM Mounting Kit