

DATA SHEET FOR
IDE 2.5" Solid State Drives
MSXXI2
For new/retrofit of
Computer equipment.
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Micromodules

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Manufacturer of
standard and custom
products for computer
based equipment



Micromodules MSXXI2
Solid State 2.5-inch Flash Drive,

Solid State Hard Drive with IDE Interface

- Replaces regular IDE 2.5-inch hard drives
- Drop-in replacement for laptops, all applications
- 44-pin IDE data/control connector
- Uses 5V only, same as rotating media
- Uses non-volatile flash memory
- Will boot all Operating Systems
- Faster operation and boot-up
- Storage management moves frequently accessed areas to optimize flash life
- Memory sizes from 8Gb to 512Gb
- All capacities available after Jan. 1st, 2016

Micromodules Co. has been supplying accessory modules for industrial, commercial and embedded computers since 1989. In our efforts to provide products to keep older equipment running, we have discovered that users of PCs that were built using IDE hard disk drives have no source for replacement drives, as none of the hard drive manufacturers have made them for several years. We have created a flash memory-based IDE drive replacement, using industry standard components, plus a custom IC device to recreate the IDE interface.

From these devices, you can expect:

- Self diagnostic testing
- Usable life 10 years
- Auto block move counts number of times block is reprogrammed and moves the data to maximize life
- Warranty-1 year
- Faster boot-up time than a regular hard disk drive
- Extended temperature range 0-70 degrees centigrade

Price and availability:

Please see pricing at www.micromodules.com

Samples in single quantity are available directly from Micromodules Co. For other quantities, see our website.

Additional documents available from Micromodules Co. for these products:

- Micromodules MS-Series Solid State Drives User Manual, MS-DOC-USER Rev 0 (available NOW)
- Micromodules MS-Series Solid State Drives MS/PC-DOS™ and Windows-NT™ Installation Guide for PC-DOS/NT Rev 0 (available April 2016)

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