

**DATA SHEET FOR**  
**IDE 3.5" Solid State Drives**  
**MSXXI3**  
 For new/retrofit of  
 Computer equipment.  
 Doc. No.: MS-DS01-Rev5

# Micromodules

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Manufacturer of  
 standard and custom  
 products for computer  
 based equipment



## Solid State Hard Drive with IDE Interface

- Replaces regular IDE 3.5-inch hard drives
- Drop-in replacement with mounting plate
- 40-pin IDE data/control connector
- 4-pin power connector-uses 5V only
- Uses non-volatile flash memory
- Will boot NT™, DOS™ Operating Systems
- Storage management moves frequently accessed areas to optimize flash life
- 3.5-inch mounting tray-screws included
- Memory sizes from 8Gb to 1Tb
- Various partition schemes available
- Part No. MS08I3 available Dec. 1st, 2015

**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 PC-based systems 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:**      *Attention: We now have lower pricing as of December 15, 2015*

Part No.	MS08I3	MS16I3	MS32I3	MS64I3	MS128I3	MS256I3	MS512I3
Capacity	8 Gb	16GB	32GB	64GB	128GB	256GB	512GB
Price each	<b>\$ 79.99</b>	<b>\$ 89.99</b>	<b>\$ 99.99</b>	<b>\$ 109.99</b>	<b>\$ 139.99</b>	<b>\$ 179.99</b>	<b>\$ 349.99</b>
Available	stock	1 Week	1 Weeks	3 Weeks	Jan 1, 2016	Jan 1, 2016	Jan 1, 2016

**Pricing** above represents quantities of 1 to 5 units. For purchases larger than 5 units, please call or email us.

**Samples** in single quantity are available directly from Micromodules Co., see our website or email us.

**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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