

FlashDrive/104

Flash Drives

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Features

- PC/104 form factor for any platform
- **Hard Disk Interface**
- Industry standard ATA/IDE interface
- Read/write performance up to 10MB per second
- Supports up to PIO (programmed input/output) Mode-4
- Supports up to multi-word DMA Mode-2
- Standard master/slave selection
- **Flash Storage**
- 4, 8, 16 or 32GB models available
- Global write protect
- On-board Flash controller featuring:
 - Embedded Flash file system
 - Wear leveling algorithms to increase the longevity of Flash
 - Bad block management and error code correction



FlashDrive/104 is a flash based, solid state storage module designed using the latest NAND technology. This rugged storage module is a robust, drop-in replacement for magnetic hard drives that can be prone to mechanical failures or corruption due to shock and vibration.

With no moving parts and engineered with harsh conditions in mind, this solid state drive offers high performance and reliability for any operating environment.

FlashDrive/104's high density memory chips provide immense storage capabilities to ensure reduced latency and faster data transfer. This module retains your data files and programs and protects data from harmful external disruptions such as extreme temperatures and electrical disturbances.

FlashDrive/104 supports every platform, every operating system and requires no drivers.

Specifications

NAND Flash	4, 8, 16 or 32GB models
Hard Disk Interface	Standard ATA/IDE interfaces
Data Transfer Rate	Read/write up to 10MB per second
Connectors	Standard - 40-pin, 100" and 2.5" - 44-pin, 2mm
Environmental	Operating Temperature (standard): 0° C to 70° C (32° F to 158° F) Industrial Temperature: -40° C to 85° C (-40° F to 185° F) Humidity: 95% non-condensing
Operating System	Supports all operating systems - no drivers required
Resistance	Resistant to dirt, shock, vibration and extreme temperatures
Power Requirements	+5 V DC (+/- 5%)
Dimensions	Length: 9.5885 cm/3.775" Width: 9.017 cm/3.55"
Form Factor	PC/104 form factor
Platform	Suitable for any platform
Compliance	RoHS compliant
Warranty and Support	Lifetime warranty and free technical support



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