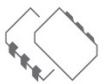


Tiny, Fast, and Reliable

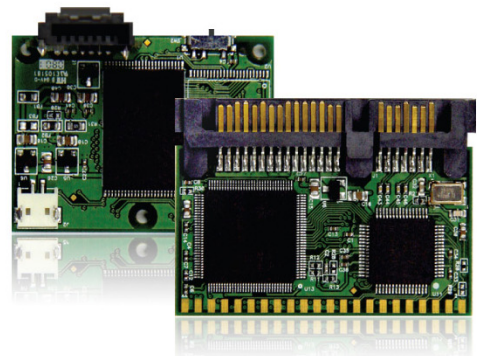


SATA Flash Module

Solid State Disk

Transcend's Serial ATA Flash Module is specifically designed for use in thin clients and space-limited industrial installations. Its direct motherboard connection and compact low-profile design save space and alleviate the need for bulky cables that restrict airflow.

Featuring all the benefits of solid-state technology, the SATA Flash Module offers low power consumption, excellent resistance to shock and vibration, lightning-fast access time, and silent, cool operation. Why waste precious space and risk device failure with conventional hard drives? Transcend's high-speed SATA interface Flash Module is small, fast, ultra-reliable, and ready to brave demanding industrial environments.

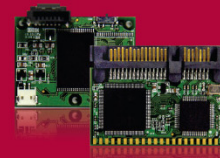


space-saving

ultra compact design

SATA Flash Module

Solid State Disk



FEATURES

- Compact low profile design
- High-speed 1.5Gb/s SATA interface
- Ultra-fast data access rates of under 1ms
- Improved boot-up speed and smoother software performance
- Robust, non-volatile flash memory with wear-leveling
- Built-in ECC (Error Correction Code) to ensure reliable data-transfer
- Dynamic defect management
- Silent, cool operation and low power consumption
- Resistant to shock and vibration
- Long term industrial-grade reliability
- Ideal for thin clients and space-limited installations

SPECIFICATIONS

| | | |
|-----------------------------------|---------------------------------|--|
| Dimensions (LxWxH) | Vertical | 45.8mm x 33mm x 7.08mm |
| | Horizontal | 40mm x 30mm x 24.3mm |
| Weight | Vertical: | 8g |
| | Horizontal: | 8g |
| Connector Interface | Vertical: | 7-pin male SATA (data), 15-pin male SATA (power) |
| | Horizontal: | 7-pin female SATA (data), 2-pin 1.5mm wafer (power) |
| Capacity | 1GB ~ 2GB | |
| Power consumption | 200mA (active), 130mA (standby) | |
| MTBF | 1,000,000 hours | |
| Access speed | less than 1ms | |
| Endurance | >2,000,000 erase/program cycles | |
| Audible noise | 0dB | |
| Operating shock resistance | 1,500G | |
| Operating Temperature | 0°C (32°F) to 70°C (158°F) | |
| Max. Transfer Speed* | Read | Write |
| | 50MB/s | 30MB/s |

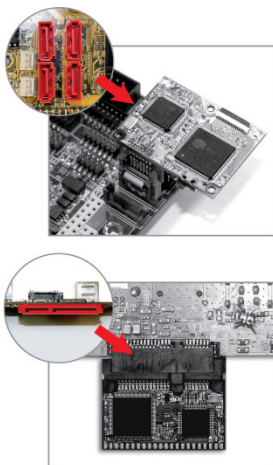
*Based on internal Transcend testing. Actual speeds may vary depending upon host hardware, software and usage.

Installation

The Horizontal SATA Flash Module is designed for space-saving installation directly onto a standard motherboard SATA data connector. Power is supplied via the included 2-pin to 4-pin Molex adapter.

The Vertical SATA Flash Module uses the same data and power connector as 2.5" and 3.5" SATA hard drives and can be installed directly into a female SATA data/power socket. Alternatively, the Vertical SATA Flash Module may be connected to a desktop PC-type motherboard via a standard SATA data cable.

For more detailed installation and setup information, please consult the user's manual of your system or motherboard.



Key Benefits



SATA interface for fast transfer rates and low latency



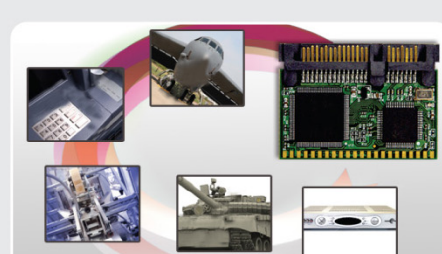
Hardware Error Correction Code



Compact low profile form factor



Shock and vibration resistant



Multi-platform compatibility

