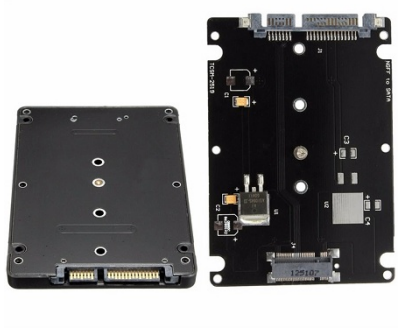
SATA2M2

Microworld SATA to M2 NGFF convertor

Product Overview

Microworld SATA to M2 NGFF convertor; SATA Revision 3.2; Up to 6 Gbps; M.2 NGFF B key; mSATA interface; Mini PCI-e 52 pin; Maximum current: 3A; Green power LED; Red activity LED; Dimensions: 98 x 65.5 mm; Short circuit, surge and HBM 2KV protection



Specifications

About this product

The Microworld SATA2M2 SATA to M2 NGFF converter lets you install a compatible M.2 NGFF SSD through a SATA III connection in a compact 2.5 inch style enclosure. It supports SATA Revision 3.2, M.2 NGFF B key drives and data transfer speeds of up to 6 Gbps. Buy now from our website for a practical M.2 SATA storage conversion solution.

Overview Summary

Microworld SATA2M2 SATA to M2 NGFF Converteris designed to connect a compatible M.2 NGFF SSD to a SATA III interface. The adapter uses an M.2 NGFF B key connector and supports SATA Revision 3.2, providing a convenient way to use compatible M.2 storage through a SATA connection.

The converter has a 2.5 inch SATA SSD shell appearance and includes LED indicators for power and SSD activity. It also provides short circuit protection, instantaneous surge current protection and electrostatic protection. The design supports a maximum current of 3 amps.

Performance tier:SATA III storage adapter

Uses:M.2 NGFF SSD installation, SATA storage upgrades, desktop storage conversion, compatible M.2 SSD connectivity

Description

The Microworld SATA2M2 is a SATA to M2 NGFF converter designed to allow a compatible M.2 NGFF SSD to be connected through a SATA III interface. It is intended for users who need to integrate compatible M.2 storage into a system or enclosure that provides a SATA connection.

The adapter uses an M.2 NGFF B key interface and supports SATA Revision 3.2. The published maximum data transfer capability is up to 6 Gbps when used with a compatible SATA III controller and storage device. Actual storage performance

depends on the connected SSD and host system.

The SATA2M2 has a 2.5 inch SATA SSD shell appearance with a stated size of 98 x 65.5 mm. Green and red LED indicators provide visual information for SSD power and activity. The adapter also incorporates a PWM synchronous buck converter power IC and provides a maximum current of 3 amps.

The converter includes short circuit protection, instantaneous surge current protection and electrostatic protection rated at HBM 2KV. It also has both M.2 NGFF and mSATA interfaces. When M.2 and mSATA SSDs are installed at the same time, the M.2 SSD is detected first and the mSATA SSD does not operate.

Features

The Microworld SATA2M2 provides a practical storage conversion option for compatible M.2 NGFF and SATA based systems.

- SATA to M.2 NGFF conversion
- Supports SATA Revision 3.2
- Compatible with PCI Express M.2 Specification Version 1.0
- M.2 NGFF B key connector
- Supports data transfer speeds up to 6 Gbps through SATA III
- 2.5 inch SATA SSD shell appearance
- Stated dimensions of 98 x 65.5 mm
- Mini PCI-e 52 pin connector
- M.2 NGFF and mSATA interface support
- Green LED indicates SSD power status
- Red LED indicates SSD activity
- PWM synchronous buck converter power IC
- Maximum current of 3 amps
- Short circuit protection
- Instantaneous surge current protection
- Electrostatic protection HBM 2KV
- When M.2 and mSATA SSDs are installed simultaneously, the M.2 SSD is detected first and the mSATA SSD does not operate

Whats in the Box

- Microworld SATA2M2 SATA to M2 NGFF converter

Specifications

- Brand: Microworld
- Model: SATA2M2
- Product type: SATA to M2 NGFF converter
- SATA standard: SATA Revision 3.2
- Maximum transfer speed: Up to 6 Gbps
- M.2 compatibility: PCI Express M.2 Specification Version 1.0
- M.2 interface: M.2 NGFF B key
- Additional interface: mSATA
- Connector: Mini PCI-e 52 pin
- Maximum current: 3 amps
- Power indicator: Green LED
- Activity indicator: Red LED
- Power circuit: PWM synchronous buck converter power IC

- Protection: Short circuit protection
- Surge protection: Instantaneous surge current protection
- Electrostatic protection: HBM 2KV
- Shell appearance: 2.5 inch SATA SSD style
- Dimensions: 98 x 65.5 mm
- Simultaneous M.2 and mSATA operation: M.2 SSD is detected first and mSATA SSD does not operate

FAQ

What is the Microworld SATA2M2 used for?

The Microworld SATA2M2 is used to connect a compatible M.2 NGFF SSD to a SATA III interface.

Does the SATA2M2 support SATA III?

Yes. The SATA2M2 supports SATA Revision 3.2 and published transfer capability of up to 6 Gbps.

Which M.2 SSD key does the SATA2M2 support?

The converter provides an M.2 NGFF B key interface. Check the SSD connector type before installation.

Does the SATA2M2 support mSATA SSDs?

Yes. The product includes an mSATA interface. When an M.2 SSD and mSATA SSD are installed at the same time, the M.2 SSD is detected first and the mSATA SSD does not operate.

What are the dimensions of the SATA2M2?

The published product dimensions are 98 x 65.5 mm.

Does the SATA2M2 have LED indicators?

Yes. A green LED indicates SSD power status and a red LED indicates SSD activity.

What protection does the SATA2M2 provide?

The converter provides short circuit protection, instantaneous surge current protection and HBM 2KV electrostatic protection.

What is the maximum current supported by the SATA2M2?

The published maximum current is 3 amps.

Is the SATA2M2 suitable for an M.2 NVMe SSD?

The published specifications identify the product as an M.2 NGFF B key SATA based converter. They do not specify NVMe support, so it should not be treated as an NVMe adapter.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/SATA2M2-Microworld-SATA-to-M2-NGFF-convertor-p-184116.php

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