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Data Sheet

M.2 SSD to 2.5in SATA III Adapter - M.2 Solid State Drive Converter with Protective Housing

Product ID: SAT2M2NGFF25



Vastly increase system performance by replacing your 2.5” SATA hard drive with an M.2 solid state drive, using the SAT2M2NGFF25 M.2 SSD to SATA adapter.

The M.2 to SATA adapter features an enclosed housing that adds protection to your NGFF (Next Generation Form Factor) SSD. The added protection gives you the peace of mind to confidently use your M.2 drive in applications that require an added level of durability such as hot-swap drive bays, or external SATA docking stations.

Using an M.2 SSD in place of a platter drive better utilizes the full potential of your SATA III controller, by reducing your data transfer bottleneck with file transfer speeds up to 6 Gbps -- an ideal solution for further increasing the performance of a HyperDuo array.

For wide compatibility with all of the common M.2 solid state drives, the SAT2M2NGFF25 supports multiple drive heights including: 2230, 2242, 2260, 2280.

The SAT2M2NGFF25 is backed by a StarTech.com 2-year warranty, and lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Access M.2 drives from an external source, such as a SATA drive enclosure or docking station
- Retrieve/backup data from an M.2 (NGFF) drive with a standard SATA computer
- Turn an unused M.2 drive into a regular 2.5in SATA solid state drive
- Use an M.2 in any 2.5in SATA application

Features

- Protect your M.2 (NGFF) SSD in any 2.5in application with enclosed housing
- Add M.2 SSD performance to any computer system by converting M.2 to SATA
- Broad compatibility with support for the most common SATA M.2 SSDs (2230, 2242, 2260, 2280)
- Not compatible with M.2 NVMe or AHCI PCI-Express SSDs
- Support for SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Supports 9.5mm or larger 2.5in SATA form factor housing

	Warranty	2 Years
Hardware	Compatible Drive Types	M.2 SATA (NGFF, B-Key)
	Drive Installation	Fixed
	Interface	SATA
	Number of Drives	1
	Supported Drive Height(s)	2230
		2242
		2260
		2280
Performance	General Specifications	Not compatible with M.2 NVMe or AHCI PCI-Express SSDs
	Hot Swap Capability	No
	Maximum Data Transfer Rate	6 Gbps
	Type and Rate	SATA III (6 Gbps)
Connector(s)	Drive Connectors	1 - M.2 SATA (NGFF, B-Key) Receptacle
	Host Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Software	OS Compatibility	OS independent; No software or drivers required
Environmental	Humidity	5% to 95% RH
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	-10°C to 85°C (14°F to 185°F)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum and Plastic
	Product Height	0.3 in [8 mm]
	Product Length	3.9 in [98 mm]
	Product Weight	1.9 oz [54 g]
	Product Width	2.7 in [68 mm]
Packaging Information	Shipping (Package) Weight	4.1 oz [116 g]
What's in the Box	Included in Package	1 - M.2 NGFF SSD to 2.5" SATA Adapter
		1 - SSD mounting kit
		1 - Housing mounting kit
		1 - Mini screw driver

1 - Instruction manual

Product appearance and specifications are subject to change without notice.