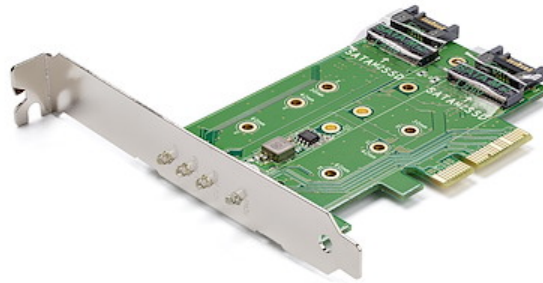


3-Port M.2 SSD (NGFF) Adapter Card - 1 x PCIe (NVMe) M.2, 2 x SATA III M.2 - PCIe 3.0 - TAA

Product ID: PEXM2SAT32N1



This 3-port M.2 SSD adapter card is one of the only cards that supports both PCIe and SATA-based M.2 SSDs (solid-state drives). It's a versatile way to expand the overall storage capacity of your desktop PC or server. Plus, because it supports a high-speed PCIe M.2 drive, you can increase the speed and performance of your computer.

If you need a simple and discreet way to expand your computer's storage, then this card can help. The card provides a platform for adding up to three M.2 SSDs to virtually any computer that has a PCIe slot. It supports common M.2 SATA SSDs, as well as newer high-performance M.2 PCIe drives. Now, you have a simple and effective way to expand the storage of your computer, regardless of the M.2 drive types you are using.

When you couple this card with a PCI Express based M.2 drive, you can give your computer's performance a noticeable speed boost. With support for PCI Express 3.0 (up to approximately 40Gbps), you can install the latest high-performance M.2 PCIe SSDs inside your computer. With faster performance, you can get more work done in less time.

Due to their performance and size advantages, M.2 drives are commonly used in laptops. If your laptop has failed, but its M.2 drive is still functional, then this card can help with data recovery. Once the M.2 drive is installed and the data recovery is complete, you can continue to use the drive for storage and backup purposes.

This M.2 card lets you take advantage of the size and performance benefits of NGFF M.2 SSDs. M.2 drives are smaller than typical platter drives or mSATA-based SSDs, so you can install them in small form-factor PCs and servers, or in tighter areas within your computer case.

You can rest assured that your M.2 SSDs are compatible with the adapter card. It supports the most common drive sizes, including, 2280, 2260, 2242 and 2230.

The PEXM2SAT32N1 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Increase the internal storage capacity of your standard or small form-factor computer
- Access and recover data from almost any M.2 SSD, such as drives pulled from laptops and other computers
- Optimize your system for I/O intensive applications such as office suites, photo and video editing, and media players
- Install the card as a vital hardware component when upgrading or building your computer

Features

- **INCREASED PRODUCTIVITY:** The M.2 NVMe card provides a platform for up to 3x M.2 SSDs (solid-state drives) to any computer that has a PCIe slot. It supports common M.2 SATA SSDs and newer high-performance M.2 PCIe drives
- **BETTER PERFORMANCE:** This 3-port PCIe M.2 adapter card works two M.2 SATA drives and a single NVMe M.2 drive with support for PCIe 3.0 x4 (40Gbps); Includes standard and low-profile brackets; Power and Activity LED Indicators
- **MAXIMUM COMPATIBILITY:** This PCIe M.2 adapter card features compatibility with M.2 SATA (B-Key) and M.2 NVMe (M-Key) drives; Supported drive sizes: 2280, 2260, 2242 and 2230; Compatible with PCIe x4 slot or greater
- **HELPS WITH DATA RECOVERY:** For your failed laptop with functioning M.2 drive, plug this M.2 SATA card to your desktop/workstation to recover your data; A pass-through SATA port connects to an additional drive for convenient data transfer or drive recovery
- **THE IT PRO'S CHOICE:** Designed and built for IT professionals, this TAA compliant 3-port PCIe M.2 adapter card is backed for 2 years, including free lifetime 24/5 multi-lingual technical assistance

General

UPC	065030865708
Package Quantity	1
Warranty	2 Years

Special Notes / Requirements

Special Notes	The maximum throughput of this card is limited by the bus interface. If used with PCI Express Gen 1.0 enabled computers, the max throughput is 2.5Gbps per lane. If used with PCI
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Express Gen 2.0 enabled computers, the max throughput is 5Gbps per lane.

System and Cable Requirements

A computer enabled with PCI Express (PCIe), and an available PCI Express x4, x8, or x16 slot

One or two SATA host ports on the host computer (for example, the SATA controllercard, or the motherboard SATA ports inside of your computer)

An operating system that natively supports PCIe SSDs (NVMe), such as:

- Windows 8 and later
 - Mac OS 10.10.3 and later

Power

Input Voltage 12V DC

Output Voltage 12V DC

Physical & Environmental

Color Green

Material Steel

Product Length 4.7 in [120 mm]

Product Width 0.8 in [20 mm]

Product Height 4.7 in [120 mm]

Weight of Product 2.3 oz [65 g]

Operating Temperature 5C to 50C (41F to 122F)

Storage Temperature -25C to 70C (-13F to 158F)

Humidity 20%~80% RH (Non-condensing)

Performance

SATA Type and Rate SATA III (6 Gbps)

Port Multiplier No

RAID No

MTBF 50,000 Hours

Hardware

Number of Ports	3
Interface	M.2 SATA
	SATA
	M.2 PCIe
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Industry Standards	Serial ATA 3.0 specification - SATA I/II/III (1.5/3/6Gbps)
	PCI Express 3.0
LED Indicators	3 - M.2 drive status/activity
	1 - Power

Packaging & In-the-Box

Included in Package	1 - 3-port M.2 NGFF SSD adapter card
	1 - low-profile bracket
	3 - M.2 mounting screws
	3 - M.2 mounting standoffs
	3 - M.2 mounting nuts
	1 - screwdriver
	1 - quick-start guide
Package Width	6.4 in [162 mm]
Package Depth	5.1 in [129 mm]
Package Height	1.3 in [33 mm]
Shipping (Package) Weight	4.4 oz [126 g]

Connector(s)

Connector 1 (Quantity)	1
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