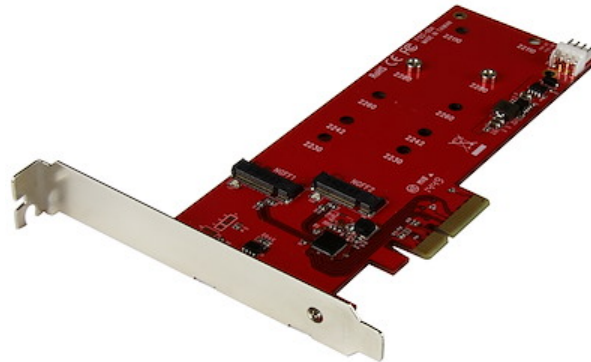


## 2x M.2 SATA SSD Controller Card - PCIe

**Product ID:** PEX2M2



This M.2 SSD controller card lets you install two M.2 SATA solid-state drives (SSD) into your PC through PCI Express. You can mount virtually any M.2 drive directly to the card, giving you a convenient and discreet way to improve your computer system performance. Plus, the card is a vital computer add-on if you need to recover data from an existing M.2 drive, or for expanding your overall internal storage.

This M.2 controller card lets you take full advantage of the performance and size benefits of NGFF (Next Generation Form Factor) SSDs. M.2 drives are smaller than typical platter drives or mSATA-based SSDs, so you can install them in tighter areas within your computer case. By freeing up space within your computer, you'll also have more room for additional hardware upgrades.

When you couple the card with an M.2 drive, you can give your computer's performance a noticeable speed boost, enabling you to replace your platter drive with a faster M.2 SATA III (6Gbps) solid-state drive. By installing an M.2 drive in your desktop computer, you'll have faster access to the files you commonly use, and you can continue to use your higher-capacity platter HDD for bulk storage.

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 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.

You can also rest assured that your M.2 SATA drives are compatible with the card. It supports the most common drive sizes, including 22110, 2280, 2260, 2242 and 2230.

The M.2 controller provides additional installation flexibility with a dual-profile design that fits standard or low-profile cases, so it's the perfect solution for small form-factor or full-sized computers.

This M.2 SSD controller card is easy to install, with native OS support and no additional drivers or software required.

The PEX2M2 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility





## Applications

- Access and recover data from almost any M.2 SSD, such as drives pulled from laptops and other computers
- Connect an M.2 drive to your computer through PCI Express
- Install fast m.2 storage in a desktop computer, while keeping larger platter drives available for bulk storage
- Get the most out of your SSDs by installing two AHCI SATA III drives discreetly inside your computer tower

## Features

- **IMPROVE STORAGE CAPACITY:** This Dual M.2 SATA SSD Controller Card enables support of two M.2 SATA SSDs (solid-state drives) through PCI Express; A cost-effective solution to increase your system's storage capacity; No additional software or driver required
- **BETTER PERFORMANCE:** Two M.2 B-Key sockets supporting SATA III (6 Gbps) speed; Supports Native Command Queuing (NCQ); Bus-powered or powered by your computer's power supply using a 4-pin floppy power connector (small drive power)
- **WIDE COMPATIBILITY:** Supports all standard M.2 NGFF drive sizes (22110, 2280, 2260, 2242, 2230); Adjustable stand-offs and mounting holes; Compatible with PCIe x4, x8, or x16 slots; Includes full & low-profile brackets and M.2 mounting screws
- **INCREASED PRODUCTIVITY:** This Dual M.2 SATA SSD Controller Card is an ideal option for recovering data between drives, creating a redundant backup drive, or improving overall system performance
- **THE IT PRO'S CHOICE:** Designed and built for IT professionals, this Dual M.2 SATA SSD Controller Card is backed for 2 years, including free lifetime 24/5 multi-lingual technical assistance

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### Hardware

Warranty	2 Years
Ports	2
Interface	M.2 SATA
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 2.0
Chipset ID	ASMedia - ASM1062

#### Performance

Type and Rate	SATA III (6 Gbps)
Port Multiplier	No
Hardware Raid Supported	No

#### Connector(s)

Connector Type(s)	1 - PCI Express x4
Internal Ports	2 - M.2 (SATA, B-Key, NGFF)
	1 - SP4 (4 pin, Small Drive Power)

#### Software

OS Compatibility	OS Independent; No additional drivers or software required
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#### Special Notes / Requirements

System and Cable Requirements	PCI Express x4 slot (backward compatible with x8, and x16 slots)
Note	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 Express Gen 2.0 enabled computers, the max throughput is 5Gbps per lane.

#### Environmental

Operating Temperature	5C to 50C (41F to 122F)
Storage Temperature	-25C to 70C (-13F to 158F)
Humidity	20%~80% RH (Non-condensing)

#### Physical Characteristics

Color	Red
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Material	Steel
Product Length	7.1 in [18 cm]
Product Width	0.8 in [20 mm]
Product Height	4.7 in [12 cm]
Weight of Product	2.2 oz [62 g]

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#### Packaging Information

Package Quantity	1
Package Length	6.3 in [16 cm]
Package Width	8.6 in [21.8 cm]
Package Height	1.9 in [48 mm]
Shipping (Package) Weight	5.9 oz [167 g]

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#### What's in the Box

Included in Package	1 - M.2 SATA SSD controller card
	1 - low-profile bracket
	2 - M.2 mounting screws

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***\*Product appearance and specifications are subject to change without notice.***

