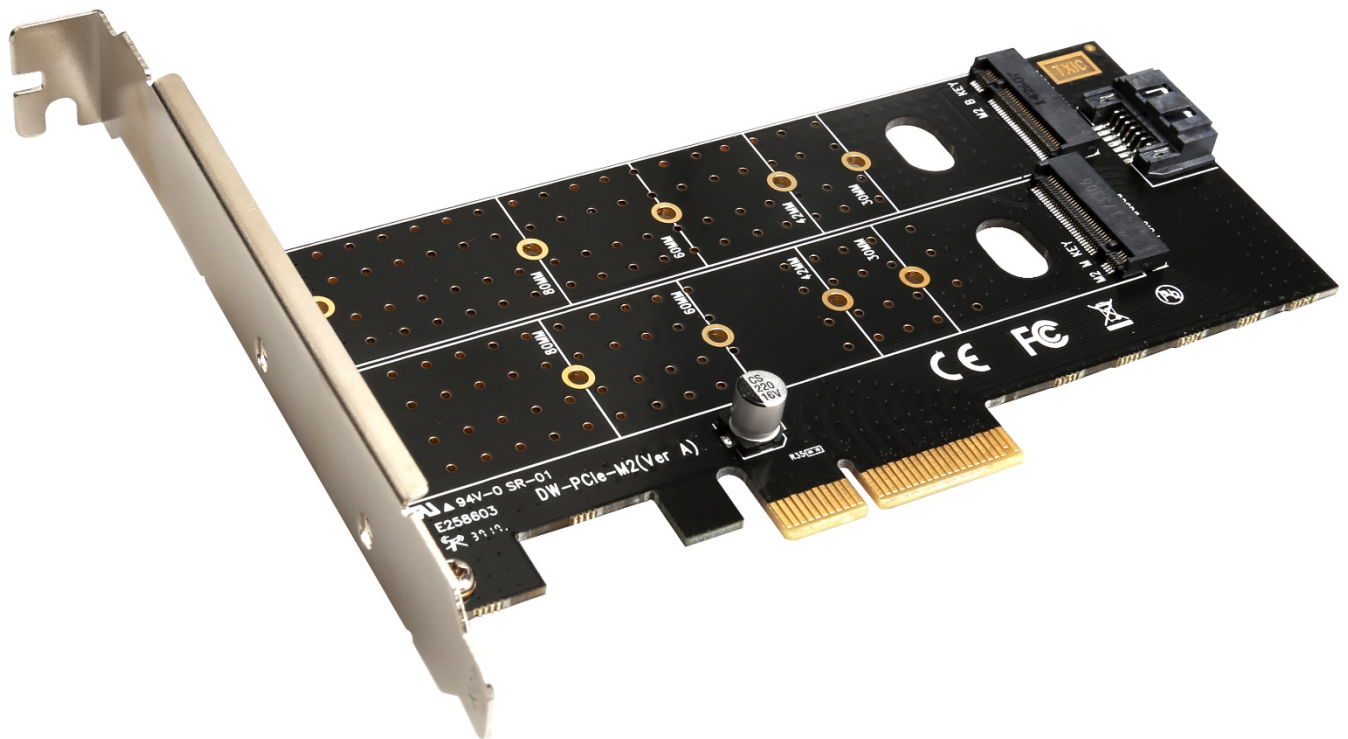# 2-Port M.2 SSD (NGFF) Adapter Card – 1 x PCIe (NVMe) M.2, 1 x SATA III M.2 – PCIe 3.0

Product ID: TXB044

This 2-port M.2 SSD adapter card is one of the only cards that supports both PCIe and SATA-based M.2 SSDs.

# Increase the storage of your desktop PC

This card provides a platform for adding up to two 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.

# Optimize your computer's performance

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.

# Supports a wide range of drives

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.

## Features

- Expand the storage and improve the performance of your computer with slots for one M.2 SATA SSDs and one M.2 PCIe SSD
- Supports PCI Express 3.0 (x4), ideal for a high-performance M.2 PCIe SSD (NVMe)
- SATA slot feature a passthrough design, so your drive can connect to the SATA port on your host PC
- Full bandwidth is available for each M.2 drive simultaneously (up to approximately 40Gbps for M.2 PCIe drive, and up to 6Gbps for M.2 SATA III drive)
- Wide installation compatibility, with support for a range of M.2 drives (2280, 2260, 2242, 2230)
- Adjustable stand-offs and multiple mounting holes support 80mm, 60mm, 42mm, and 30mm SSDs
- Equipped with a full-profile bracket, includes a low-profile (half-height bracket) for installation in small form-factor computers
- Installs into x4, x8, or x16 PCIe slots

| | | |
|---|---|---|
| **Hardware** | Bus Type | PCI Express |
| | Card Type | Standard & Low Profile |
| | Industry Standards | Serial ATA 3.0 specification – SATA I/II/III (1.5/3/6Gbps) |
| | | PCI Express Base Specification Rev. 3.0 |
| | Interface | M.2 SATA |
| | | SATA |
| | | M.2 PCIe |
| | Port Style | Integrated on Card |
| | Ports | 2 |
| **Performance** | ATAPI Support | Yes |
| | Bootable | Yes |
| **Connector(s)** | Connector Type(s) | 1 - PCI Express x4 Male |
| | Internal Ports | 1 – M.2 SATA (NGFF, B-Key) Receptacle |
| | | 1 – M.2 (NGFF, M-Key, PCIe x4) Receptacle |
| | | 1 – SATA (7 pin, Data) Plug |
| **Software** | OS Compatibility | OS Independent, No additional drivers or software required |

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| **Special Notes / Requirements** | **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 2.5 Gbps. If used with PCI Express Gen 2.0 enabled computers, the max throughput is 5 Gbps. |
| | System and Cable Requirements | PCI Express enabled computer with an available PCI Express x4, x8, or x16 slot |
| | | One SATA host port on the host controller<br>An OS that natively supports PCIe SSDs(NVMe):<br>- Windows 7 and later<br>- Mac OS X 10.10.3 and later |
| **Indicators** | LED Indicators | 2 – M.2 drive status/activity (Green) |
| **Environmental** | Humidity | 20~80% RH |
| | Operating Temperature | 5°C to 50°C (41°F to 122°F) |
| | Storage Temperature | -25°C to 70°C (-13°F to 158°F) |
| **Physical Characteristics** | Product Height | 120 mm |
| | Product Length | 140 mm |
| | Product Weight | 51.2 g |
| | Product Width | 20 mm |
| **What's in the Box** | Included in Package | 1 – 2-port M.2 NGFF SSD adapter card<br>2 – M.2 mounting standoffs<br>2 – M.2 mounting screws |

Product appearance and specifications are subject to change without notice.