



## Description:

- This card lets you add a high-speed, M.2 M-key NVMe SSD, such as a Samsung 950 Pro or Samsung SM 951, to a PC with an available x4 PCI Express expansion slot, giving you an easy and convenient way to improve your system speed, performance and expand overall internal storage.
- Boost your system speed and performance- It lets you take full advantage of the fast performance and compact size of NVMe M.2 internal solid-state drive.
- It supports ultra-fast PCI Express V3.0 X4 lanes which can transmit bandwidth up to 32GT/S
- It is also backward compatible with PCIe 2.0 and PCIe 1.0
- Supports M.2 SSD of different sizes like 80mm, 60mm, 42mm. 30mm SSD.
- Movable M.2 stand –off and multiple plated-holes supports type 2280, 2260, 2242, and 2230 SSD.
- Support any “M” Key M.2 SSD and “B+M” Key M.2 SSD
- Not compatible with “B” Key M.2 PCI x2 SSD or “B” Key M.2 SATA SSD
- The M.2 PCIe SSD gets its power supply form the motherboard PCIe bus slot 3.3v
- Regular size PCI-e bracket on board and Low-Profile bracket included.
- Transparent to the operating system and no driver required.
- Supports any OS like Windows10, Windows8, Windows8.1, Windows Server 2012 R2, Linux, Fedora, SUSE, Ubuntu

## Applications:

- Connect a NVMe M.2 SSD to your computer through an available x4 PCI Express expansion slot to boost system speed and increase internal data storage
- Get ultra-fast data access, ideal for gaming or high-performance workstations
- Install your operating system on an M.2 drive for fast access, while keeping larger platter drives available for bulk storage

## Hardware installation

Please first install the M.2 M Key SSD into the NVMe adapter, then follow these steps:

1. Turn Off the power of your computer.
2. Unplug the power cord and remove your computer's cover.
3. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the card down firmly.
4. Replace the slot bracket's holding screw to secure the card.
5. Replace the computer cover and reconnect the power cord.

## Technical Specifications:

<b>Brand</b>	EiRA
<b>SKU Code</b>	ER3042
<b>Product Name</b>	PCIe x4 to M.2 M-Key NVMe SSD Card
<b>Small/Low Profile Bracket</b>	Provided
<b>PCIe Specification Revision</b>	PCI Express 3.0
<b>PCI-Express Transfer Rate</b>	Upto 32 Gbps
<b>Input Bus Interface</b>	PCIe x4 or x8 or x16 Male
<b>Output Interface</b>	M.2 M-KEY (NVMe)
<b>Dimensions</b>	102 x 54 mm
<b>Weight</b>	34.4 g (SSD not included)
<b>Operating Temperature</b>	-40 ~ 85 °C
<b>System supported</b>	Windows 10, 8.1, 8, 7, Vista, 2008, 2003, XP, 2000, Linux & MAC OS
<b>Warranty*</b>	1 year