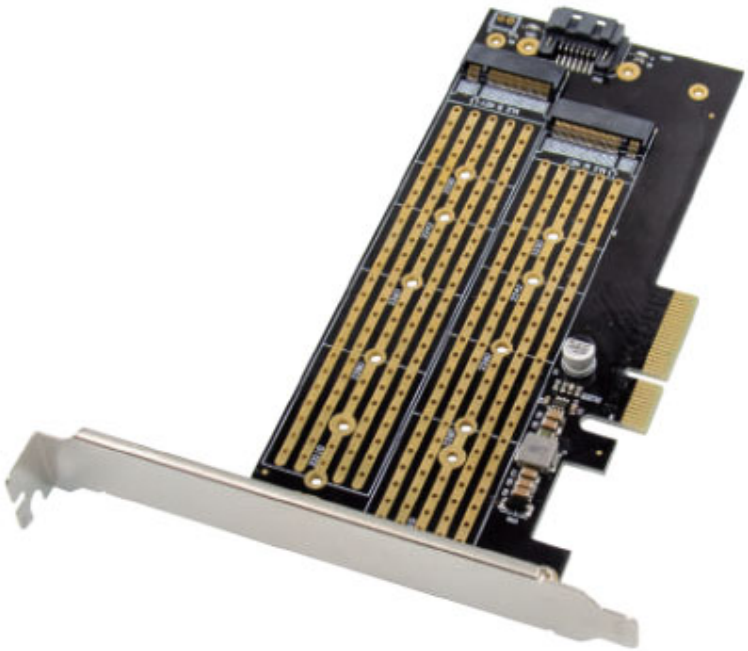
# PCIe x4 M.2 B&M Key NVMe SSD Adapter



USER Manual

EN ver2.0

## Description

This PCIe x4 M.2 NVMe SSD Adapter is a multi-functional NVMe conversion card it can support the PCIe protocol NVMe SSD to connect directly to the motherboard, or the SATA Protocol NVMe SSD to connect to the motherboard SATA port with SATA cable. It has support with ultra-fast PCI Express V3.0 X4 lanes transmit bandwidth up to 32GT/S, and it has support with Serial ATA v3.0 transmit speed up to 6Gbps. By this adapter can be improved system speed ,and improve the efficiency of office and entertainment.

## Specification

- Compliant with PCI Express Specification Revision 3.0
- Compliant with Serial ATA Specification Revision 3.0
- Support NVMe key B/M m.2 SSD including 2230,2242,2260, 2280 and 22110 drives
- Backwards compatible with PCIE V2.0 and V1.0 mainboards
- Drive sizes are 110,80,60,42 and 30mm
- Support Any “M” Key M.2 SSD , “B” Key and “B+M” Key M.2 SSD
- B- Key interface can insert SSD of M.2 NGFF SATA Protocol, then insert SATA cable to connect motherboard ,use PCI E to supply power ,without External power supply
- M-Key interface can insert SSD of M.2 NGFF PCI-E Protocol, and PCI-E

transmission data do not need to access SATA cable to connect motherboard

- The M.2 PCIe SSD gets its power supply form the motherboard PCIe BUS slot 3.3v
- Support operating system:Windows○,R10,Windows○,R 8,Windows○,R8.1, Windows ○,RServer 2012 R2,Linux, Fedora, SUSE, Ubuntu, Red hat native drivers support PCIe NVMe
- No driver is required because the driver is transparent to the operating system

## Package content

- 1 x PCIe x4 M.2 B&M Key NVMe SSD Adapter
- 1 x User's Manual
- 1 x Low profile bracket

## System Requirements

- Windows○,R10,Windows○,R 8,Windows○,R8.1, Windows ○,RServer 2012 R2,Linux 32bit or 64 bit
- One available PCI-Express x4/x8/x16 slot

## Hardware installation

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

1.Turn Off the power to 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 board down firmly.

4. Used the SATA cable connect NVMe adapter to the motherboard SATA port

5. Replace the slot bracket's holding screw to secure the card.

6. Replace the computer cover and reconnect the power cord.

More information and settings please refer to the User Guides or you can contact us.