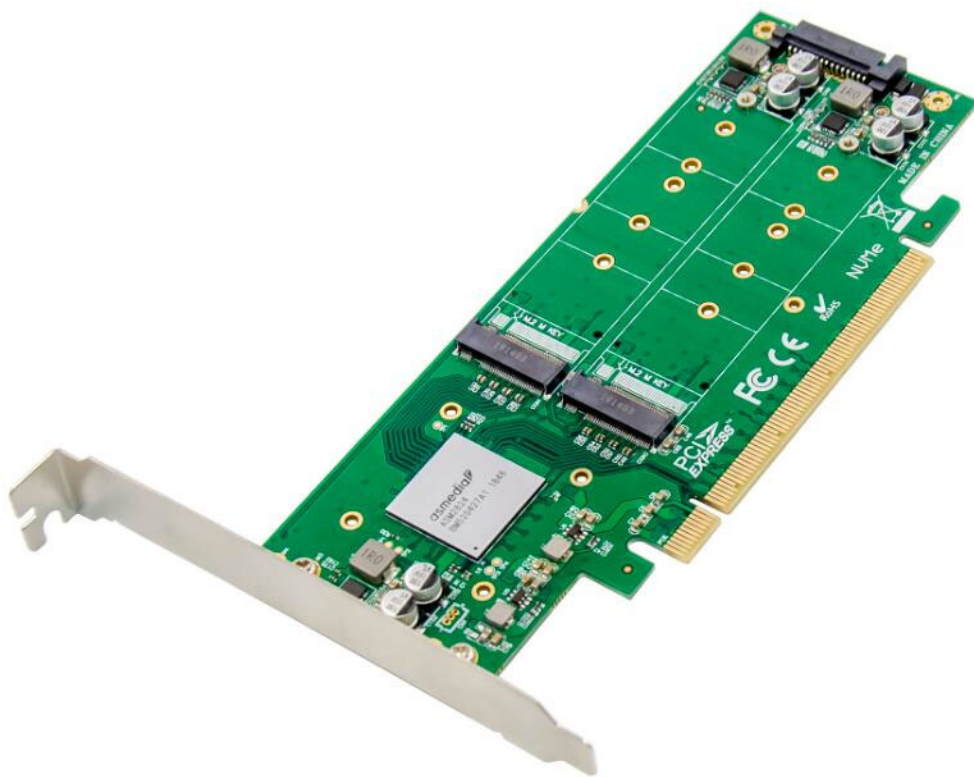


# PCIe x16 ASM2824 to X4X4 M.2 NVMe SSD Adapter



USER Manual  
EN ver2.0

## Description

This PCIe ASM2824 to X4\*4 M.2 SSD adapter is used to ASMedia high-performance chipset ASM2824, it is a low latency, low cost, and low power 24lane, it supports 4-Port x4 lane M.2 Key M SSD device. With upstream PCIe Gen3x16 bandwidth, it can enable users to build up various high speed IO systems, including server, system storage or communication platforms.

## Specification

- Compliant with PCI Express Specification Revision v3.0
- Backwards compatible with PCIe 2.0 and PCIe 1.0
- Supporting transfer rate of 2.5Gb(250MB/s), 5Gb(500MB/s), and 8Gb(1GB/s) per lane
- PCI Express interface: x16
- Supports NVM Express(NVMe)
- Support for 4-Port x4 lane M.2 Key M NVMe SSD device
- Supports M.2 SSD modules sizes: 2230, 2242, 2260, 2280
- Supports M.2 “M” key and “B+M” key with PCIe Protocol
- M.2 Specification Revision 0.9
- Automatic detection of lane configuration on boot-up
- Support L1 substate deep power saving mode
- Support wake up function in S3/S4
- Support hot-plug, surprise remove
- operating temperature range: 0~85° C
- Support operating system: Linux kernel 3.17 or above, Win7, Win8, Win8.1, Win10

32or 64bit

- No driver is required because the driver is transparent to the operating system

### Package content

- 1 x PCIe x16 ASM2824 to x4\*4 M.2 NVMe SSD adapter
- 1 x User's Manual
- 1 x Low profile bracket
- 8 x Screws
- 1x Screw driver
- 4 x heat sink
- 1x SATA power cable



### System Requirements

- Linux-kernel3.17 or above,Win7/Win8/Win8.1/Win10 32or 64bit
- One available PCI Express x16 slot

### Hardware Description:

