

# M.2 NGFF PCIe SSD to PCIe x4 Lane Host Adapter

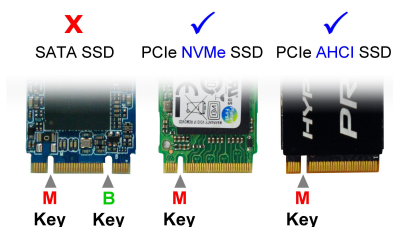
## 1. Introduction

Best & Easy Solution to install an Extremely High Performance Enterprise-Class PCIe-NVMe or PCIe-AHCI M.2 SSD in your Desktop for Enthusiast Gaming and Workstation Markets!

### 1.1. Features

- Convert M.2 NGFF PCIe based SSD to work in main board PCIe x4 bus slot
- PCI Express 4.0 x4 Lane Host adapter
- Supports PCIe Gen4 and PCIe Gen3 M.2 80mm, 60mm, 42mm NVMe SSD
- M.2 NGFF type 2280-D5-M M Key socket on board
- Movable M.2 NGFF stand-off and multiple plated-holes supports type 2280, 2260 and 2242 SSD
- Supports dual-sided SSD module 1.5mm component height on the top and bottom side
- Compliant with PCI Express 4.0
- Support PCIe L1 Power Management Substates with CLKREQ
- Pin header on board for drive LED connection
- Low Profile PCIe Form Factor
- Regular size PCIe bracket on board and Low Profile bracket included
- Windows 10, Win8.1, Windows Server 2012 R2, Linux series, Fedora, SUSE, Ubuntu, Red Hat native driver support PCIe-NVMe & PCIe-AHCI SSD, no driver required
- Mac Pro 2009, 2010 and 2012 models with High Sierra OS installed support PCIe-NVMe SSD
- Supports operating temperature range: -40 - 80 °C
- M.2 PCIe SSD power from motherboard PCIe bus slot 3.3V

## 2. Installation



1. Install M.2 NGFF M Key PCIe based SSD (**not B-M Key SATA SSD**) into M.2 NGFF M Key socket, then tighten screw and retain SSD.
2. Install PCIe Host Adapter with M.2 NGFF SSD into an available mainboard PCIe x4 or x8 or x16 slot. (**Graphic card use-only PCIe x16 slot not work**)