

# 2x 110mm M.2 SATA SSD Low Profile PCIe 2.0 Host Adapter

## 1. Introduction

*Easy Install and utilize 2x 110mm M.2 NGFF SATA Based SSD module in Low Profile PCIe 2.0 x2 Lane 6Gbps AHCI SATA III host board!*

### 1.1. Features

- 6Gbps SATA III PCIe Gen2 2Lane Host Adapter
- 2Ports M.2 NGFF type 22110-D5-B sockets on board for SATA based SSD
- Supports PCIe 1.0 and PCIe 2.0 motherboard
- Compliant with 10Gbps PCI Express 2.0
- Fully compliant with Serial ATA specifications 3.0
- Supports SATA III transfer rate of 6.0Gbps, 3.0Gbps, 1.5Gbps
- Supports 6Gbps, 3Gbps SATA based M.2 NGFF 110mm, 80mm, 60mm, 42mm, 30mm SSD
- Movable M.2 NGFF stand-off and multiple plated-holes supports type 22110, 2280, 2260, 2242 and 2230 SSD
- Supports dual-sided SSD module 1.5mm component height on the top and bottom side
- Supports Native Command Queuing (NCQ)
- PCBA powered by PCIe bus 3.3V
- Provides 3.3V/5A power to two M.2 devices from Motherboard PCIe slot 12V directly, or from PC power supply if 4Pin small Molex Power connector 12V connected
- Low Profile PCIe Form Factor
- Regular size PCIe bracket on board and Low Profile bracket included
- Require an empty PCIe x2 or x4 or x8 or x16 slot in computer
- 64bit / 32bit Windows 8.1, Win8, Win7, Vista, 2008, 2012, Linux and Mac 10.x OS built-in AHCI inbox driver support, no additional driver required

## 2. Installation

1. Install M.2 NGFF SATA based SSD into M.2, screw and retain SSD.
2. Install PCIe Host Adapter with M.2 NGFF SSDs into an available motherboard PCIe x4 or x8 or x16 slot.