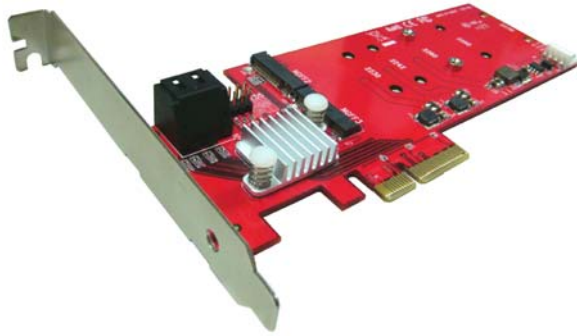


PE-128 ■ Hardware RAID AHCI 6Gbps 2x M.2 NGFF + 2x SATA Low Profile PCIe 2.0 Host Adapter



4Ports 6Gbps AHCI SATA III PCIe 2.0 host board to support HybridDrives, Hardware Raid0, Raid1, NCQ & Port Multiplier!

When configured with one HDD and one M.2 NGFF SSD in HybridDrives mode, it automatically migrate hot data to the SSD, while enabling all data to be safely stored on a larger capacity HDD.

FEATURES

- Hardware RAID AHCI 6Gbps SATA III 4Ports PCIe Gen2 x2 electrical and x4 physical Host Adapter
- 2x M.2 NGFF type 22110-D5-B sockets and 2x 7Pin SATA connectors on board
- 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 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 SATA I & SATA II & SATA III drive and M.2 NGFF SSD
- Supports ATA and ATAPI commands
- Provides Windows & Mac & Linux GUI and Windows BIOS to configure Hardware RAID 0, RAID 1, RAID 10, HybridDrive modes to M.2 SSD and drives these directly attached to this Host Adapter
- Supports Native Command Queuing (NCQ)

- Supports max one SATA FIS-based or Command-based Port Multiplier and max 4 non-Raid individual HDD or SSD connected to Port Multiplier
- Supports max 7 drives and M.2 NGFF SSD connected
- Pin header on board for drive LED connection
- Low Profile PCIe Form Factor
- Regular size PCIe bracket on board and Low Profile bracket included
- Require an empty PCIe x4 or x8 or x16 slot in computer
- 64bit / 32bit Windows 8, Win7, Vista, 2008, 2012, Linux and Mac 10.x OS built-in AHCI inbox driver support, no additional driver required
- Supports Windows XP driver
- PCBA and M.2 SSD power source default from PCIe bus
- When power hungry two M.2 SSD installed, additional Small Molex 4Pin power connector can provide sufficient power from system power supply
- Fully RoHS compliant