

H/W RAID AHCI 2x M.2 + 2x SATA PCIe 2.0 Host Adapter

1. Features

- RAID 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 Native Command Queuing (NCQ)
- Supports max one SATA FIS-based or Command-based Port Multiplier and max 4 drives connected to PM
- 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
- GUI and BIOS provides RAID setting on Hardware RAID 0, RAID 1, RAID 10, HybridDrive modes in Windows, Mac and Linux for drives these directly attached to this Host Adapter
- 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

2. Package Contents



2-I128-01A

- SATA III 4 Ports Host Adapter
- Users Manual

3. M.2 Green LED and SATA LED Pin Header

M.2 SSD Green LED (LED2, LED3) and SATA (LED0, LED1) Pin Header:

ON: When drive linked

Blink: When drive accessing

LED ALL Pin Header:

ON: When any one of 4 drives linked

Blink: When any one of 4 drives accessing

4. Installation

1. When Windows XP or 2003, run installer “**drvSetup.exe**” on driver CD folder “**E:\SATA6G_M9128**” until “**Finish**”.
2. When Windows 8, Win7, Vista, 2008, 2012, Linux and Mac 10.x, OS built-in AHCI inbox driver support, no additional driver required.
3. If you concern the yellow mark of “Marvell Console ATA Device” in Windows Device Manage, you may run **drvConsoleSetup.exe** to remove it.

******* For Hardware RAID 0, RAID 1, HybridDrive mode setting in Windows, please refer MSU_user_guide.pdf and MSUSetup.exe in driver CD path E:\SATA6G_M9128\GUI.**