

**Mini PCI-Express SATA III  
(6Gb/s) RAID Controller Card  
2x Internal SATA III 6Gb/s  
Ports (SATA version)**

**User Manual  
Ver. 1.00**

## ***Features***

- Industry Specifications Compliance:  
Compatible with PCI-E Mini Card Electromechanical specification revision 1.2  
Serial ATA AHCI Spec. Rev.1.3  
Serial ATA Revision 3.2  
Serial ATA Features
- Supports 2 ports Serial ATA PHY
- 1.5Gbps, 3.0Gbps and 6.0Gbps speed negotiation
- SATA PHY 1i/1m/2i/2m/3i
- Supports AHCI and IDE programming interface
- Supports Native Command Queue (NCQ)
- Supports Port Multiplier command based switching
- Embedded hardware RAID engine
- Supports RAID0, RAID1, SPAN
- RAID mode changeable, controlled via the setting by two GPIOs or GUI utility
- RAID0 high performance for the data transmission
- Supports S.M.A.R.T feature
- Supports automatic rebuild
- Supports high performance off-line rebuild
- Supports background rebuild

## ***Package Contents***

- 1 x SATA III (6Gbps) 2-port Mini PCI-Express Controller RAID Card
- 1 x User Manual
- 1 x SATA Cable

## ***System Requirements***

- Windows® 10,8.1,7 (32 / 64 bit) / Vista / Server 2012 / 2008, Linux

## ***Hardware Installation***

- Turn off the power to your computer
- Unplug the power cord and remove your computer's cover
- Remove the slot bracket from an available Mini PCI-E slot
- To install the board, carefully align the card's bus connector with the selected Mini PCI-E slot on the motherboard. Push the board down firmly

- Attach your internal devices to the SATA III (6Gbps) 2-port Mini PCI-E Controller Card
- Replace the slot bracket's holding screw to secure the card
- Replace the computer cover and reconnect the power cord

## ***Create Raid***

- Turn on your computer, follow the prompt, and press Ctrl + R for the RAID setup screen
- Press Enter.
- Use keyboard arrow keys select **"Create RAID model"**, and press Enter
- All Data will be lost, sure to process? (Y/N)
- Mode Change is completed
- Press ESC and Y to save and exit BIOS Setup.

## ***Delete a RAID Array :***

- Turn on your computer, follow the prompt, and press Ctrl + R for the RAID setup screen
- Press Enter.
- Use keyboard arrow keys select **"Remove RAID "**, and press Enter
- All Data will be deleted, are you sure? (Y/N)
- Mode Change is completed
- Press ESC **"Leave Configure controller? (Y/N)"**, select Y
- Press ESC **"Leave RAID Manager? (Y/N)"**, select Y

***Notes: The drives that this product need is included in Microsoft systems***