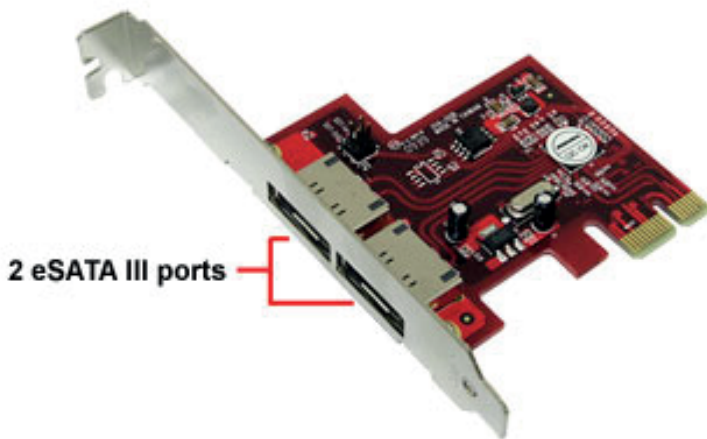
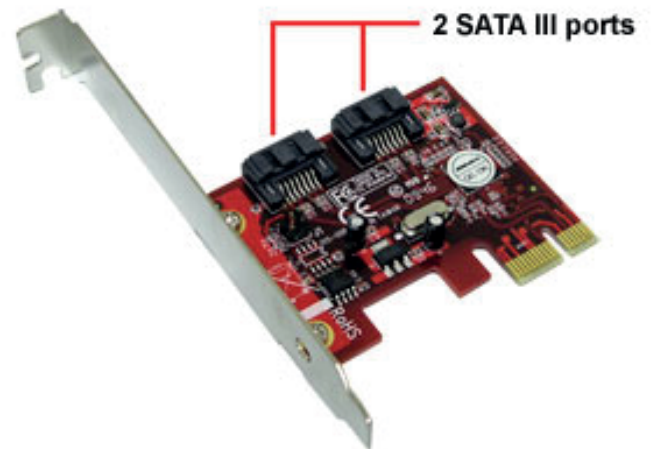


### INTRODUCTION

This new family of PCI Express controllers offer the latest 6G/sec SATA III performance at an amazingly affordable price. Comes a with choice of 2 eSATA III ports for external SATA connection or 2 standard SATA III ports for internal drives, both controllers can also be installed in low profile PCs using the bundled low profile bracket.



**6G 2-Port SATA PCI-Express Controller  
ADSA6GPX1-2E**



**6G 2-Port SATA PCI-Express Controller  
AD2SA6GPX1**

### FEATURES

- Two 6.0 Gbps SATA III ports or eSATA III ports on PCI-Express 1X slot
- Install into both standard height or low profile system with included brackets
- Fully compliant with SATA II and SATA 1.0 standard
- Maximum 6Gbits/sec\*
- Supports Native Command Queuing (NCQ)
- Compatible with Port Multiplier
- Support connecting up to 7 drives in conjunction with a Port Multiplier or one RAID volume
- 2 LED connections for drive activity
- Hot swappable - drive can be removed and added without system shut down or restart \*\*
- Compatible with Windows 7, 8 and any OS with AHCI driver

\*To achieve the maximum throughput, the PCI-Express slot must be version 2.0 or higher. Older system with PCI-Express 1.0 will limit the speed to 2.5 Gbps. Performance per port may decrease if both ports are transferring data simultaneously due to the limited throughput of the PCI-Express slot.

\*\*\* Hot swapping hard drive has been tested on Windows OS only.

### SPECIFICATIONS

- 6.0 Gbps SATA III ports or eSATA III ports
- Supports 5Gbps PCI-Express 2.0
- Fully compliant with PCI-Express 2.0
- Supports SATA III transfer rate of 6.0Gbps, 3.0Gbps, 1.5Gbps
- Supports ATA and ATAPI commands
- Supports Native Command Queuing (NCQ)
- Marvell 88SE9128 chipset
- 48 bits LBA, support HDD partition larger than 137GB Two Pin headers on board for LED connection
- Completely with drivers for Windows 2000, Windows XP, Vista, Windows 7
- Dimensions:
  - **AD2SA6GPX1** - (W x D x H) - 65mm x 10mm x 55mm (2.56in x .39in x 2.17in)
  - **ADSA6GPX1-2E** - (W x D x H) - 67mm x 11mm x 70mm (2.64in x 0.39in x 2.76in)
- Weight:
  - **AD2SA6GPX1** - 30g ( 1.16oz)
  - **ADSA6GPX1-2E** - 34g (1.20oz)
- Operating temperature range: 0 °C to +70 °C
- Operating humidity range: 5% to 90%
- Storage temperature range: -40 °C to +85 °C
- Storage humidity range: 5% - 95% (non condensing)
- 1 year warranty
- RoHS Compliant