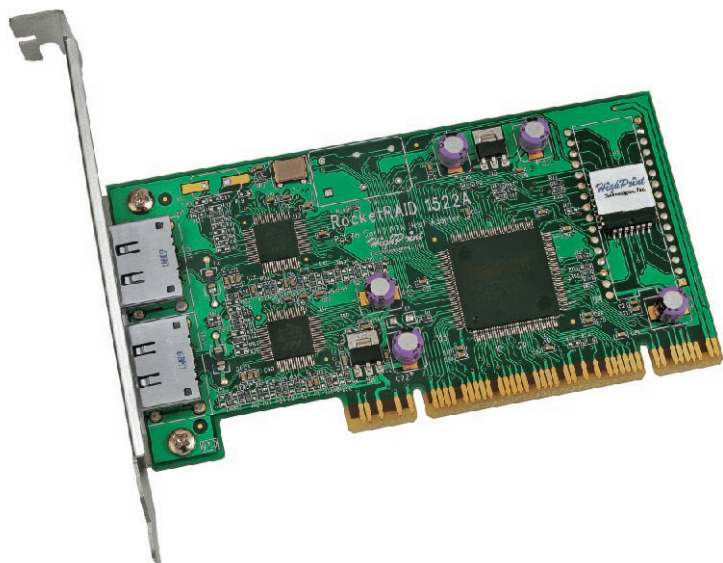


RocketRAID 1522A

2 External eSATA PCI SATA I RAID Controller



- PCI 32bit@33/66 Mhz
- 2 External eSATA ports at 1.5Gb/s
- Up to 2 SATA I and (compatible with SATA II) Hard Drives
- Compatible to eSATA enclosures
- Support RAID 0, 1, and JBOD
- BIOS Booting (INT13) to RAID array
- Hot swap and hot spare
- Online array roaming
- Web browser-base software (Web GUI)
- Command Line Interface (CLI)
- SMTP email notification for events and error reporting
- Remote array mangement through (Web GUI, RAID GUI and CLI)
- Support Windows (XP, 2000, Server 2003 and Vista), Linux and FreeBSD
- RoHS Compliant

RocketRAID 1522A

2 External eSATA PCI SATA RAID Controller

Peak Speeds (USB, Firewire and SATA)

Many existing external hard drives use USB and/or 1394. These interfaces are not nearly as fast as SATA when compared using peak values, and can compromise drive performance.

External SATA (eSATA) Features and Benefits

Initially SATA was designed as an internal or inside-the-box interface technology, bringing improved performance and new features to internal PC or consumer storage. Creative designers quickly realized the innovative interface could reliably be expanded outside the PC, bringing the same performance and features to external storage needs instead of relying on USB or 1394 interfaces.

Called external SATA or eSATA, customers can now utilize shielded cable lengths up to 2 meters outside the PC to take advantage of the benefits the SATA interface brings to storage. SATA is now out of the box as an external standard, with specifically defined cables, connectors, and signal requirements released as new standards in mid-2004. eSATA provides more performance than existing solutions and is hot pluggable.

- * Key benefits of eSATA: Up to 6 times faster than existing external storage solutions: USB 2.0, & 1394
- * Robust and user friendly external connection
- * High performance, cost effective expansion storage
- * Up to 2 meter shielded cables and connectors

COMPREHENSIVE OS SUPPORT

HighPoint offers the broadest range of support for all major operating systems to ensure OS and hardware server compatibility. Drivers are available for all major operating systems, including Windows, Linux and FreeBSD.

PHYSICAL SPECIFICATIONS

Size: 4.696"L x 2.531"W (119.3mm x 64.3mm)

EMI : FCC Part 15 Class B and CE

Thermal and Atmospheric Characteristics:

Work Temperature Range : +5°C ~+ 40°C

Relative Humidity Range : 20% ~ 80% non condensing

Storage Temperature : ~-40°C~ 60°C

MTBF: 920,585 Hours

Electrical Characteristics:

PCI+3.3V : 0.9A

Power : 3W

RocketRAID 1522A Specification

Host Side Interface	PCI@33/66Mhz
Device Interface	Serial ATA I or II
Number of Channels	2 External eSATA
Supported RAID Levels	RAID 0, 1, and JBOD
Operating Systems Support	Windows, Linux, FreeBSD and Mac OS X
RAID Management Tool	BIOS Web based RAID Management Software and CLI
Some Highlighted Features	Hot swap/hot spare Support large capacity hard drives BIOS Booting support SMTP support for email notification

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three limited warranty information