

ADAPTEC® ATA/100 RAID CARD FAMILY

Low cost data protection and increased performance for workstation and server users employing ATA disk drives.

Adaptec 1200A Highlights

- Low-profile form factor
- 2-channel support up to 4 drives
- RAID 0, 1, 0/1, JBOD
- Bootable array support
- Hot spare

Adaptec 2400A Highlights

- i960RS based
- Up to 128 MB memory support
- 4-channel support up to 4 drives
- RAID 0, 1, 0/1, 5, JBOD
- Advanced GUI
- Online capacity expansion
- Hot swap, hot spare

Adaptec's ATA/100 RAID controllers provide low cost data protection and increased performance for a full range of servers and workstation users employing ATA disk drives. Based on ATA/100 technology, the Adaptec ATA/100 RAID controllers deliver industry leading performance with data transfer rates up to 100 MByte/sec per channel.

Adaptec ATA RAID 1200A

Low cost ATA/100 RAID card for data protection and increased performance. Ideal for entry-level servers, workstations and rackmount servers using ATA hard drives.

The Adaptec ATA RAID 1200A card delivers data protection and increased performance to individuals and companies operating ATA drives for workstations, entry-level servers, and rackmount server environments. The Adaptec ATA RAID 1200A supports up to 4 drives with maximum transfer rate of 100 MByte/sec per channel over 2 channels. Its low-profile form factor makes it ideal for ISP environments – offering maximum space for other server components, and allowing for increased airflow. Its performance is just as remarkable in traditional pedestal server environments. Striping two or more drives provides significant disk performance increases. This is especially valuable when running data intensive applications such as video/audio streaming and post-production, image editing, and the most sophisticated gaming applications. A user-friendly management GUI also provides instant access to all your storage management needs.

Adaptec ATA RAID 2400A

Affordable, full-featured ATA/100 RAID card for data protection. Ideal for PC server users looking to take advantage of advanced RAID features on ATA hard drives.

The Adaptec ATA RAID 2400A card is a microprocessor-based RAID solution for PC server environments employing ATA



hard drives. The Adaptec ATA RAID 2400A supports up to 4 drives, with transfer rates up to 100 MByte/sec per channel over 4 channels – providing advanced RAID functionality at an affordable price. It is the ideal solution for those who want increased server capacity and performance. It offers state-of-the-art manageability features through Adaptec's *Storage Manager Pro*™ software.

Storage Manager Pro Software*

Adaptec's ATA/100 RAID Card family features Adaptec's intuitive *Storage Manager Pro** software that simplifies RAID storage configuration and management. Cards installed in one or more servers can be configured, managed and monitored remotely from a single client workstation. Arrays can be expanded online when additional capacity is needed, providing for convenience, flexibility, and maximum server uptime.

Compatibility, Reliability, and Support

Like all Adaptec cards, the ATA RAID family has been rigorously tested with hundreds of systems and devices to deliver the utmost in compatibility – now and in the future. It's backed by a three year warranty and Adaptec's industry leading technical support.

*Included with Adaptec ATA RAID 2400A controller only

	<i>Adaptec ATA RAID 1200A</i>	<i>Adaptec ATA RAID 2400A</i>
Why to Buy	Low-cost, low-profile ATA RAID card for data protection and increased performance	Affordable, full-featured, microprocessor based ATA RAID card for data protection
Customer Needs	Ideal for workstation and sub entry-level servers requiring up to four ATA/100 or ATA/66 disk drives	Ideal for entry-level servers with up to four ATA/100 or ATA/66 disk drives
Environment	Video editing, image programming applications, video/audio streaming, image editing, etc.	PC servers with ATA hard drives requiring advanced RAID features
RAID levels	RAID 0, 1, 0/1, JBOD	RAID 0, 1, 0/1, 5, JBOD
Data Transfer Rate	Up to 100 MB/sec	Up to 100 MB/sec
Cache Memory	N/A	32 MB (expandable to 128 MB)
Device Support	Up to 4 ATA disk drives	Up to 4 ATA disk drives
Bus Type	32-bit PCI	32-bit PCI
Internal Connectors	Two 40-pin connectors	Four 40-pin connectors
System Requirements	Intel PC or equivalent with available PCI slot	Intel PC or equivalent with available PCI slot
Operating System Support	Windows® 98/SE, Windows® Me, Windows® 2000, Windows NT® 4.0	Windows 95/98, Windows Me, Windows 2000, Windows NT 4.0, Red Hat Linux, SuSE 6.4 & 7.0, Novell NetWare, Free BSD, SCO Unix
Key RAID Features	<ul style="list-style-type: none"> • Low-profile form factor for rackmount server platform • Supports bootable arrays • Hot spare support 	<ul style="list-style-type: none"> • Online capacity expansion • Immediate RAID availability (background initialization) • Hot-spare disk support for automatic rebuild • Supports Hot Swap (requires chassis) • S.M.A.R.T. support • SES/SAF-TE support
Software in Kit	Adaptec ATA RAID Management Software	Storage Manager™, Storage Manager Pro, CLI (Command Line Interface), SMOR
Cable in Kit	Two internal 40-pin, 80-wire ATA/100 cables	Four internal 40-pin, 80-wire ATA/100 cables
Physical Dimensions	6.62 inch L x 2.50 inch H 16.81 cm L x 6.35 cm H	12.08 inch L x 4.00 inch H 30.68 cm L x 10.16 cm H
Operating Temperature	0° C to 55° C	0° C to 55° C
Power Requirements	0.15 Amps @ 5V	1.3 Amps @ 5V
Warranty	3 years	3 years



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