

# Adaptec® iSA1500 Storage Array



## Cost effective iSCSI shared storage for small businesses and remote offices

The Adaptec iSA1500 Storage Array is a feature rich, high density iSCSI storage solution designed for small businesses and remote offices looking for a cost-effective shared storage solution. It operates over standard Ethernet infrastructures, making it an extremely cost-effective solution. Ethernet-based storage area networks (SAN) are easy to configure using software and/or high performance hardware initiators using existing network management skill sets. The Adaptec iSA1500 is also an ideal solution for flexible point-to-point configurations.

### Storage management made easy

Management of the Adaptec iSA1500 Storage Array is made available via the Adaptec Storage Manager™ GUI, offering both in-band and out-of-band storage management. Available remote management and event notification (via email and pager) improves storage monitoring and maintenance, contributing to increased storage uptime and lower management costs.

Automated storage provisioning simplifies the configuration of storage volumes allowing IT managers to create, assign, and expand storage volumes from a single management interface. Manual configuration of initiators is eliminated via the Windows® management agent, which automates server configuration and access control\*.

### High density, highly available storage

The Adaptec iSA1500 storage enclosure comes with four hot-swappable SATA disk drives with up to 1 TByte of available capacity in an efficient 1U form factor. Advanced user-configurable RAID levels improve data protection and accessibility. Storage security is enhanced via the supported IPSec and Encryption Services.

### Advanced software functionality

The expansive feature set of the Adaptec iSA1500 makes it ideal for server storage consolidation, disk to disk backup, and disaster recovery applications. The point-in-time snapshot and rollback functionality can be used with third party backup applications for data archiving or for rapid data recovery. Synchronous mirroring, either locally or remote, can be enabled as an optional software key upgrade.

### Industry-leading compatibility and support

The Adaptec iSA1500 Storage Array is backed by a 3-year warranty. Adaptec also provides technical phone support. Expanded service plans are also available to ensure trouble free maintenance. Extensive testing ensures interoperability with industry leading software and hardware components to deliver pain free installation and continued service life. All of these value added features provide an exceptional customer experience.

## Product Highlights

High-density iSCSI storage subsystem

Designed for high availability and enhanced data protection

Automated storage provisioning

Dynamic volume expansion

Snapshot with rollback

Snapshot scheduling

Optional feature enhancements include enhanced snapshot and synchronous volume mirroring

\*Requires Windows Management Instrumentation support by the iSCSI initiator

# Adaptec iSA1500 Storage Array

(Ordering Part Number: 2070000)

<p><b>Technical Specifications</b></p> <p><b>Host interface</b> Gigabit Ethernet</p> <p><b>Drive interface</b> 1.5 Gigabit SATA</p> <p><b>Number of drive bays</b> Four 3.5" hot-swap bays</p> <p><b>Drive types</b> Low profile 3.5" SATA</p> <p><b>Drive capacity</b> 250 GByte per drive</p> <p><b>Maximum capacity per enclosure</b> 1 Terabyte</p> <p><b>Backplane design</b> Passive single plane</p> <p><b>Enclosure services</b> SES, SAF-TE</p> <p><b>Status LEDs</b> Yes</p> <p><b>SMTP event notification</b> Yes, (E-mail, pager)</p>	<p><b>System Technical Specifications</b></p> <p><b>On-board CPU</b> 1.6 GHz Intel Xeon</p> <p><b>Data management ports</b> Two, 1-Gigabit Ethernet data ports One, 10/100 Ethernet management port</p> <p><b>Host/device data burst rate</b> 1 Gigabit full duplex per port</p> <p><b>Other connectors</b> One RS-232 serial; Two USB</p> <p><b>Cache memory size</b> 1 Gigabyte ECC DDR</p> <p><b>Advanced Software Features</b></p> <p><b>Access control</b></p> <p><b>Write-back data cache memory bus</b></p> <p><b>Global and dedicated spares</b></p> <p><b>Configurable RAID levels</b> 0, 1, 5, 10</p> <p><b>Number of iSCSI targets</b> 512</p> <p><b>Volume snapshot</b> Up to 64 Point-in-Time Snaps</p>	<p><b>IPSec support</b></p> <p><b>Software license</b> Includes software licenses for three management agents. Additional licenses can be purchased.</p> <p><b>Power and Cooling Specifications</b></p> <p><b>Power factor correcting</b></p> <p><b>Input voltage/current</b> 115V @ 60Hz; 230V @ 50Hz</p> <p><b>Physical Characteristics</b></p> <p><b>Dimensions</b> 17.2" x 1.7" x 25.6"</p> <p><b>Weight</b> 35 lbs</p> <p><b>Optional Feature Upgrades</b></p> <p><b>Management clients</b> Sets of 5, 10, and 25 licenses</p> <p><b>Enhanced snapshot with rollback</b> Up to 256 Point-in-Time Snaps</p> <p><b>Volume mirroring</b> Synchronous</p>
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