

# DuraStor™ 6220SS

## STORAGE SUBSYSTEM

### The flexible External SCSI RAID Subsystem for highly available centralized data storage

#### Overview

The Adaptec® DuraStor 6220SS Storage Subsystem provides a high-density, flexible, scalable solution for centralized data storage. Designed for high fault-tolerance and performance, the Adaptec DuraStor 6220SS provides data integrity and reliability in an easy-to-manage solution.



#### Product Benefits

- High-availability 3U Ultra160 SCSI RAID Storage Subsystem
- Includes 1U Appliance with a RAID Controller and 2U storage enclosure with 12 drive bays
- Redundant hot-swappable components in both systems
- Provides robust protection for up to 876GB of data with a single storage enclosure
- Storage Manager Pro™ and Disk Administrator software for easy RAID management

The Adaptec DuraStor 6220SS combines two major components, the appliance that houses the RAID controller card and the enclosure that houses the drives, to form a complete external RAID storage subsystem:

- Adaptec DuraStor 6200SR RAID Appliance
- Adaptec DuraStor 312R Storage Enclosure

Together, they combine to provide an expandable, high density enterprise-class 3U external RAID solution that is cost-effective, reducing total-cost-of-ownership (TCO) and protecting your storage investment with the ability to scale up to nearly 2.7TB.

The total solution comes with everything you need including cables and provides the flexibility to use standard disk drives available in the market from our list of approved vendors. The entire subsystem, including approved drives, is backed by a superior onsite service plan and technical support.

#### Key Benefits

##### The Flexible RAID Appliance

The Adaptec DuraStor 6200SR RAID Appliance is a 1U enclosure with a single Adaptec DuraStor 6200S RAID Controller card. The appliance is upgradeable to dual controller cards for increased data protection in active-active mode. It features high-performance data throughput up to 160MBs per second and up to 15,000 IOPS with robust RAID level support and easy online-capacity-expansion (OCE). Its hot-swappable RAID controllers, power supplies, and cooling fans, provide extensive fault-tolerance guarding against any single point of failure. For detailed specifications, please refer to the Adaptec DuraStor 6200SR RAID Appliance datasheet available online at [www.adaptec.com](http://www.adaptec.com).

##### The High-Density Disk Array Enclosure

The Adaptec DuraStor 312R Storage Enclosure is a highly dense 2U JBOD that provides an optimized environment for up to 12 one-inch disk drives up to 15K RPM. With the use of high performance 73GB drives, the storage enclosure can hold up to 876GB. Guarding against any single point of failure, the Adaptec DuraStor 312R provides dual redundant 350W power supplies and a cooling module with 4 fans. It also supports SAF-TE enclosure management specification for self-monitoring of critical components. For detailed specifications, please refer to the Adaptec DuraStor 312R Storage Enclosure datasheet available online at [www.adaptec.com](http://www.adaptec.com).

##### Easy RAID Management

The Adaptec DuraStor 6220SS Storage Subsystem is an easy-to-manage storage solution that includes Storage Manager Pro\* and Disk Administrator software. Storage Manager Pro provides a Java-based GUI for a simple storage configuration and data monitoring in the Microsoft® Windows NT® and Windows® 2000 operating environments. Disk Administrator is an embedded menu-based console for data monitoring and easy configuration in UNIX based environments. It can be accessed via the subsystems RS-232 port connected to a server, or on the LCD control panel located on the front of the RAID appliance.

##### Industry-Leading Compatibility and Support

The Adaptec DuraStor 6220SS Storage Subsystem has been rigorously tested in our labs for functionality, compatibility and performance to ensure it meets Adaptec's high standards for system quality and reliability. It is backed by an industry-leading 3-year limited warranty that includes 1-year of technical support and 1-year of Adaptec Elite Onsite Service Support. Upgradeable service plans are available, including 7X24 technical phone support, to onsite 7X24 support with a 4-hour response time for up to 3 years.

# ADAPTEC DURASTOR 6220SS STORAGE SUBSYSTEM

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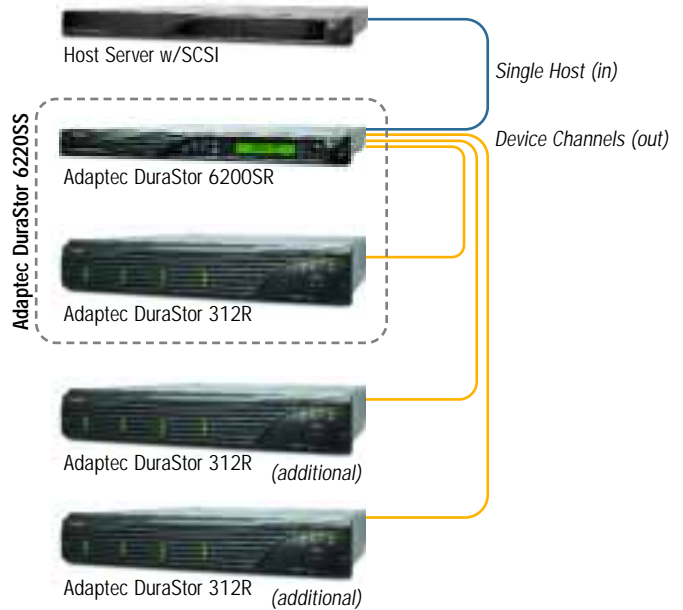
## Robust Configuration Modes

The Adaptec DuraStor 6220SS Storage Subsystem provides the flexibility to configure your storage based on your data center's specific requirements. The subsystem can be configured

in a number of configuration modes from Stand-alone/Single Port mode for maximum capacity to Active/Active Single Port, Dual Host mode for maximum availability and high-fault tolerance.

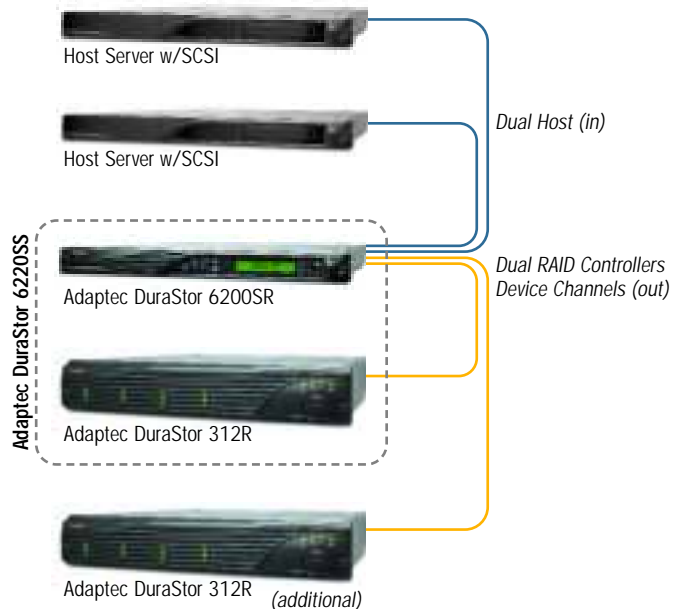
### Maximum Capacity Configuration

Connect up to three drive enclosures scaling up to nearly 2.7TBs of capacity.



### Maximum Fault Tolerance Configuration

Connect from two servers and add a second RAID controller for maximum subsystem fault tolerance and no single point of failure.



Adaptec DuraStor 6200S  
RAID Controller Card



Adaptec DuraStor 6200SR  
RAID Appliance



Adaptec DuraStor 312R  
External Storage Subsystem

