

*Delivering superior performance with leading-edge, fiber interconnect architecture for SAN environments*



## IBM TotalStorage FAStT500 Storage Server



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### Highlights

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- ***Features leading-edge technologies for faster data access***
- ***Provides scalability to accommodate unique company needs***
- ***Supplies high availability for optimal security and profit***
- ***Conserves staff resources for core competencies***

### **Surging ahead with storage**

As routine business processes become increasingly data-dependent, companies are ramping up their storage infrastructures. But today's companies must weigh storage requirements against tightening budgets. Solutions must be cost-effective, scalable and accommodate a variety of storage requirements.

The people of IBM Storage Systems can provide flexible business solutions that maximize price-to-performance ratios. IBM TotalStorage™ FAStT500 Storage Server is a full-fibre, storage area network (SAN) solution that gives you the performance you need at the right price.

### **Offering leading-edge technologies for superior performance**

With up to eight Fibre Channel direct host or SAN attachments, the FAStT500 Storage Server delivers fast data access (up to 383MBps)—perfectly suited for computing environments where predictable, realtime performance is key. Besides high bandwidth, the FAStT500 supports a variety of operating systems, including IBM AIX®, Linux and Microsoft® Windows NT®, among others.

### **Providing scalability and flexibility to accommodate growth**

The modular design of FAStT500 allows you to purchase components as you need them. It scales from 18GB up to 16TB of storage using 22 enclosures. Each FAStT EXP500 supports up to ten Fibre Channel disk drives. Moreover, you get to pick and choose the appropriate RAID level—from 0, 1, 3, 5 and 10—to match an application or suit your particular financial needs, allowing you to extend and leverage your investments now and in the future.

### **Stepping up availability to minimize lost revenue associated with downtime**

A company's success is proportionate to its ability to support around-the-clock operations. Unscheduled outages that affect data retrieval and other business processes can mean revenue losses and customer dissatisfaction. The TotalStorage FAStT500 solution is highly available, providing security against component failures. Dual hot-swap RAID controllers provide high throughput and redundancy, and each controller supports up to 512MB of battery-backed cache. Redundant fans, power supplies and dynamic storage management further contribute to availability.

## At a Glance

### **IBM FASTt500 Storage Server**

|                            |  |
|----------------------------|--|
| Model                      | 3552-1RU   |
| RAID controller            | Dual active RAID controllers   |
| Controller cache           | Up to 1GB, battery-backed  |
| Host interface             | Fibre Channel (FC) Switched and FC Arbitrated Loop (FC-AL)   |
| Connectivity               | 4 standard, up to 8 via additional mini-hubs   |
| Drive interface            | FC-AL  |
| Supported drives           | 18.2, 36.4 and 73.4GB; 10,000 RPM<br>18.2GB; 15,000 RPM  |
| RAID levels                | 0, 1, 3, 5 and 10  |
| Storage partitioning       | Up to 16   |
| Maximum drives supported   | 220 (via 22 IBM FASTt EXP500 expansion units)  |
| Fans and power supplies    | Dual redundant, hot-swappable  |
| Rack support               | IBM 2101-200, Netfinity® Enterprise Rack   |
| Supported servers          | For the most recent list, please visit:<br><b>ibm.com/storage/fast500</b>  |
| Supported operating system | IBM AIX®, Solaris, HP-UX,<br>Microsoft® Windows NT®, Windows® 2000,<br>Novell NetWare, Linux<br>For OS levels visit:<br><b>ibm.com/storage/fast500</b> |
| Management software        | IBM FASTt Storage Manager  |
| FC switch support          | IBM TotalStorage SAN Switch 2109 S08/S16/F16<br>IBM 2042-001 (64 port), 2042-128 (128 port)<br>IBM 2032-064, 2031-032 and 2031-016                     |
| FC hub support             | IBM TotalStorage Managed Hub (3534)  |
| Dimensions                 | 174.5mm H x 444.5mm W x 609.6mm D<br>(6.87 in x 18 in x 24 in)   |
| Weight                     | 38.6 kg (85 lbs)   |

### **IBM FASTt EXP500 Expansion Unit**

|                            |   |
|----------------------------|---|
| Number of drives supported | Up to 10 FC drives (18.2, 36.4 or 73.4GB)                         |
| Fans and power supplies    | Dual redundant, hot-swappable                                     |
| Dimensions                 | 131.88mm H x 480 mm W x 575 mm D<br>(5.2 in x 18.9 in x 22.63 in) |

### **Saving resources for core competencies**

FASTt Storage Manager lets you manage multiple FASTt500 systems from a single console. Controlling your whole environment from one location conserves your in-house resources, releasing them to focus on core competencies.

### **Relying on IBM**

At IBM we provide the best storage products, technologies, services and solutions to ensure that you get indus-

try-leading storage solutions today and in the future.

### **For more information**

To learn more about IBM TotalStorage FASTt500 Storage Server or IBM Storage Systems Group, contact your IBM representative, IBM Business Partner, or visit:

**ibm.com/storage/fast500**



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San Jose, CA 95193  
U.S.A.

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