

RS8IP4 DATASHEET

Award-winning iSCSI storage delivers high performance and provides unmatched reliability for SMB workloads

Key Features

Enterprise Storage Platform

ULTRASTOR® RS-Series platform delivers high performance, data center flexibility and powerful storage administration capabilities.

Flexible Disk Technologies

Combine SAS disk technologies to meet I/O demands. Implement server-based tiering groups across near-line, 10K and 15K Enterprise SAS drives to optimize data workloads.

Easy to Manage

Easy-to-use browser-based system management.

Virtualization Ready

Certified iSCSI SAN for VMware environments.

Recommended for:

- VMware® VSphere 5
- Citrix® XenServer
- Microsoft Hyper-V
- Windows Server 2012
- SQL Database Applications
- Microsoft Exchange
- KOM Compliance Solutions
- ASP & SaaS Providers
- Public/Private Cloud Services
- CRM Solutions
- ERP Solutions
- Archive & Backup Workflows
- Digital Asset Management
- Rich Media Workflows

Fast, versatile, simple

ULTRASTOR® RS8IP4 is a versatile and cost-effective storage solution using a mix of 3.5" 7.2K, 10K and 15K Enterprise-class SAS drives. Featuring Enhance Technology's award-winning RAID architecture, the RS8IP4 provides the highest level of performance and reliability in its class. The RS8IP4 supports up to 8 disks in a 2U rack and offers up to 32TB of storage capacity.

Optimize your data workloads

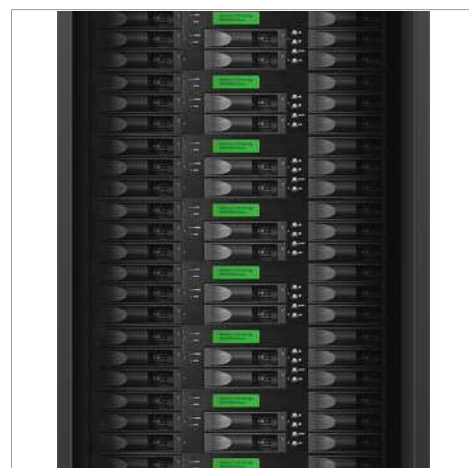
Optimize workload requirements by creating groups of 7.2K, 10K and 15K RPM SAS disk drives for a perfect mix of capacity and performance for all your business applications. Migrate cold or unused data between drive tiers for increased storage efficiency. Built with enterprise hardware and software features, the RS8IP4 is fully optimized for today's physical and virtual data workflows.

Simple storage management

The RS8IP4 offers powerful and simple storage management. ULTRASTOR® RS8IP4's intuitive web based interface offers complete system management and monitoring capabilities via HTTP. Receive real time system notifications through email without additional software.

Data center reliability

ULTRASTOR® RS delivers the highest level of reliability for critical enterprise applications. The RS8IP4 features a modular system design adding full



hardware redundancy and field replaceable capabilities for continuous system up-time. A comprehensive service and support plan includes a standard 3-year warranty, 1st year Advance Replacement (ARP) and optional On-Site Support contracts for added investment protection.

Advanced storage platform

ULTRASTOR® RS8IP4 systems feature a 2nd generation, hardware platform with powerful RAID core technology - resulting in greater performance when used in high I/O applications. Additionally, ULTRASTOR® RS8IP4 combines essential software features including Snapshots and dynamic online storage expansion.

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Technical specifications

| | RS8IP4 |
|-----------------------|---|
| Max. Raw Capacity | 32TB |
| Max. Drives | 8 |
| Form Factor | Single Controller 8-Disk, 2 RU |
| Memory | 2GB |
| Data I/O Ports | (4) RJ45, 1GbE iSCSI |
| Disk Support | <ul style="list-style-type: none"> ● 2TB 7.2K SATA (3.5") ● 3TB 7.2K NL-SAS (3.5") ● 4TB 7.2K NL-SAS (3.5") ● 600GB 15K SAS (3.5") ● 900GB 10K SAS (3.5") |
| Storage Protocols | 1GbE iSCSI |
| RAID & Volume | <ul style="list-style-type: none"> ● RAID level 0 (0+1), 3, 5, 6, 10, 30, 50, 60 ● Multiple array support ● Up to 2096 logical volumes ● Up to 8 disk drives per volume group ● Hot-swap drive support ● Global & dedicated spare drive assignment ● Non-disruptive online volume migration ● Online volume expansion |
| Snapshot Features | <ul style="list-style-type: none"> ● Manual or Schedule ● Up to 32 Snapshots ● Snapshot roll-back mechanism ● Writable Snapshots ● Volume or file-level restore |
| Host Connections | Up to 32 |
| Host OS Support | Windows 2000, Windows Server 2003, Windows Server 2008, Windows Server 2012, Windows XP, Linux®, Oracle Solaris, Mac® OS VMware® vSphere, VMware® ESX |
| Hot-swap Power | (2) 300W, 80 Plus Gold, load-balancing, hot-swap power modules |
| Power Requirements | 100~240 VAC, 50Hz~60Hz 10.0A~5.0A, 50Hz~60Hz (each module) |
| System Cooling | (3) Hot-swap smart fan modules |
| Operating Temperature | 50°F ~ 104°F |
| Relative Humidity | 20% ~ 90% Non-condensing |
| Weight | 60 lbs |
| Dimensions | (L) 19.5" x (W) 19" x (H) 3.5" |
| Compliance | RoHS, CE, TUV, FCC |

[1] Usable capacity will vary with filesystem, RAID settings and disk model



Learn more

Go to <http://www.ultrastor.com/> to find out more about ULTRASTOR® SAN products and solutions.

How to buy

Americas

Inside the US: (866) 537-5140
Outside the US: (562) 777-3488

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