

ES3200^{SERIES}

DATA SHEET

10GbE iSCSI | 8Gb/s FC | 1GbE iSCSI

Simplify management and provide powerful scalability for demanding Surveillance applications

Key Features

Enterprise Storage Platform

ULTRASTOR® GEN4 platform delivers high performance, data center flexibility and powerful storage management features.

Flexible SAN Technology

Supports physical and virtual environments including VMware VAAI, Citrix and Hyper-V.

Easy to Manage

Configure and provision storage with easy-to-use browser-based system management.

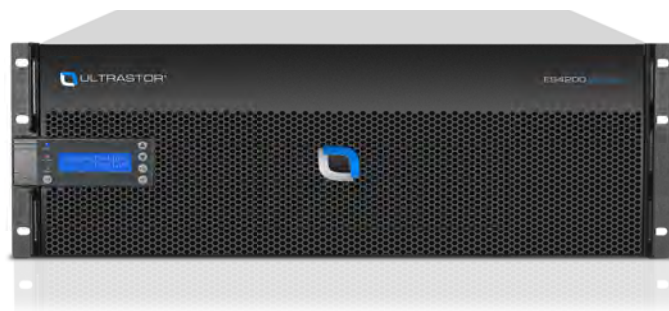
DXE™ Hardware Acceleration

ULTRASTOR® ES3200 features hardware assisted data offload designed to boost performance at the system level.

Recommended for:

- Milestone Systems
- Digifort
- Axus Communications
- OnSSI
- Moxa
- VMware® VSphere 5
- Citrix® XenServer
- Microsoft Hyper-V
- Windows Server 2012
- SQL Database Applications
- Public/Private Cloud Services
- Archive & Backup Workflows
- Digital Asset Management
- Rich Media Workflows

Includes Support for
CachePeak™



Affordable SAN Storage

ULTRASTOR® ES3200 is an advanced iSCSI, FC and 10GbE SAN storage solution for the small to medium business. Powered by Enhance Technology's GEN4 storage platform, the ES3200 is ready to meet the demands of today's mixed workload computing environments. ULTRASTOR® ES3200 integrates a host of new hardware & software features designed to accelerate IT efficiency while adding superior flexibility.

The ULTRASTOR® ES3200 offers over 50% more performance, enhanced system caching, greater scalability, VMware array integration (VAAI), ULTRASTOR DXE™ data offload technology and a lower cost of ownership over previous entry level models.

Value, performance and features

Reduce host CPU utilization, TCP overhead and latency with ULTRASTOR® ES3200 iSCSI & FC SAN storage arrays. ULTRASTOR DXE™ (Data Transfer Engine) accelerated data offload technology enables the high speed transfer of block-level I/O over a Gigabit or Fibre network – resulting in superior performance over traditional NAS file servers. ES3200 provides exceptional load-balancing capabilities by distributing bandwidth across multiple data ports for maximum IOPS in mixed workload applications.

Simple storage management

The ES3200 offers easy-to-use management tools for remote capable system administration and configuration. ULTRASTOR® ES3200'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® ES3200 delivers the highest level of reliability for critical enterprise applications. The ES3200 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® ES3200 systems feature a 4th generation, hardware platform with powerful RAID core technology - resulting in greater performance when used in high I/O applications. Additionally, ULTRASTOR® ES3200 combines essential software features including Snapshots and dynamic online storage expansion.

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Technical specifications

	ES3200P6	ES3200FS	ES3200TG
Max. Raw Capacity	480TB ^[1]	480TB ^[1]	480TB ^[1]
Max. Drives	96 ^[2]	96 ^[2]	96 ^[2]
Form Factor	Dual Controller 16-Disk, 3 RU	Dual Controller 16-Disk, 3 RU	Dual Controller 16-Disk, 3 RU
Memory	16GB	16GB	16GB
Data I/O Ports	(6) RJ45, 1GbE iSCSI	(8) SFP, 8Gb/s FC (6) RJ45, 1GbE iSCSI	(2) SFP+, 10GbE iSCSI (6) RJ45, 1GbE iSCSI
Disk Support	<ul style="list-style-type: none"> ● 7.2K SAS DISK DRIVES (3.5") ● 7.2K SAS DISK DRIVES (2.5") ● 10K SAS DISK DRIVES (3.5") ● 10K SAS DISK DRIVES (2.5") ● 15K SAS DISK DRIVES (3.5") ● SAS & SATA SSD FLASH (2.5") 		
Storage Protocols	1GbE iSCSI	16G FC / 1GbE iSCSI	10GbE iSCSI/ 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 4096 logical volumes ● Up to 64 disk drives per volume group ● Hot-swap drive support ● Global & dedicated spare drive assignment ● Non-disruptive online volume migration ● Online volume expansion 		
Workflow Features	<ul style="list-style-type: none"> ● Manual or Schedule Snapshots. Up to 1024 Snapshots ● Thin or Fat Provisioning ● Array-based Replication ● ULTRASTOR DXE™ Data Offload Acceleration Engine ● Optional CachePEAK™ Intelligent SSD Caching 		
Host Connections	Up to 64		
Host OS Support	Windows 2000, Windows Server 2003, Windows Server 2008, Windows Server 2012, Windows XP, Linux®, Red Hat Enterprise Linux, Solaris, VMware® vSphere, VMware® ESX, Mac OS X		
Hot-swap Power	(2) 550W, 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	(2) Hot-swap smart fan modules		
Operating Temperature	50°F ~ 104°F		
Relative Humidity	5% ~ 95% Non-condensing		
Weight	110 lbs		
Dimensions	(L) 21.5" x (W) 19" x (H) 5"		
Compliance	RoHS, CE, TUV, FCC		



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

International

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Italy: +39 039 6260916
Asia: +886-2-2269-1529

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[1] Usable capacity will vary with filesystem, RAID settings and disk model [2] Based on maximum number of drives supported