

PS SERIES SAS ARRAYS INTELLIGENT iSCSI STORAGE



SAS	PS3600X	PS3800XV	PS3900XV
TECHNICAL HIGHLIGHTS			
Volumes	Up to 1,024		
Snapshots	512 per volume / up to 10,000 total		
Hosts accessing group	Up to 512		
Host interface	Any standards-compliant iSCSI initiator		
Controllers	2	2	2
Disk capacity*	300 GB; 10,000 RPM SAS	146 GB; 15,000 RPM SAS	300 GB; 15,000 RPM SAS
System capacity**	4.8 TB	2.3 TB	4.8 TB
Number of drives	16	16	16
Memory (battery-backed)	2 GB		
Gb network interfaces	3		
Copper (standard)	3		
Sustained system bandwidth	Up to 300 MBps		
Operating systems supported	Windows® 2000, Windows Server 2003, AIX®, HP-UX, Mac OS® X, VMware® ESX		
Upgrade option	PS3800XV or PS3900XV	PS3900XV	
Expansion option	Can be combined with other PS systems online		
RAID SUPPORT	Automatic RAID 5, RAID 10 and RAID 50 configuration		
RELIABILITY	Redundant, hot-swappable controllers, power supplies/cooling fans, and disks		
	Mirrored write-back cache with 72-hour battery backup		
	Individual disk drive slot power control		
ENCLOSURE MONITORING SYSTEM	Automatic spare configuration and utilization		
	SMART		
	Automatic bad block replacement		
	Auto-Stat Disk Monitoring System (ADMS) to monitor health of data on disk drives		

PS STORAGE STACK



PS Series storage arrays are stackable as multi-array system configurations for customized performance and capacity***

ABOUT EQUALLOGIC:

EqualLogic makes data storage systems that radically simplify the way mid-size and large businesses store and protect information. EqualLogic's award-winning PS Series storage area network (SAN) solution provides sophisticated management capabilities that reduce the time and money IT staff spend on storage.

DATA SERVICES INCLUDE:

- Auto-Replication
- Writeable Snapshots
- Automatic Load Balancing
- Auto-Snapshot Manager¹
- Auto-Stat Disk Monitoring System
- Volume Consistency Sets
- Multi-Path I/O²
- PS Group Manager
- Pooled and Tiered Storage
- RAID Load Balancing
- Snapshot and Auto-Replication Scheduler
- E-mail Home
- Roles-based Administration
- Storage Virtualization
- Thin Provisioning
- Volume Cloning
- Volume Management
- Volume Snapshot

PRODUCT SPECIFICATIONS

MANAGEMENT INTERFACES	SNMP, telnet, SSH, HTTP, Web (SSL), host scripting
	Serial console
	Multi-administrator support
SECURITY	CHAP authentication
	Access control for iSCSI and management interfaces
NOTIFICATION METHODS	SNMP traps, e-mail, syslog
POWER	AC voltage: 100-240 VAC ±10% single phase
	Frequency: 48-62 Hz
	Power factor: .98 (minimum)
	Power consumption: 530 VA (maximum)
	Heat dissipation: 1,700 BTU per hour (maximum)
	Power supplies: Dual 450 W
ENVIRONMENTAL	Temperature range: 5 to 35 °C / 41 to 95 °F
	Storage temperature: -30 to 60 °C / -22 to 140 °F
	Altitude: -70 to 3,048 m operational / -305 to 12,192 m non-operational
	Relative humidity: 20 to 80% non-condensing operational / 5 to 95% non-condensing non-operational
	Shock: 5 g 10 ms 1/2 sine operational / 30 g 10 ms 1/2 sin non-operational
	Vibration: Random 0.21 grms 5-500 Hz operational / Random 1.04 grms 2-200 Hz non-operational
	Acoustics: Sound Power Operating: <5.8 db LpA @ 20 °C
PHYSICAL	Height: 13 cm / 5.12 in / 3 EIA units
	Width: 48.26 cm / 19.0 in / 1EC Rack Compliant
	Depth: 55.1 cm / 21.7 in
	Weight: 35 kg / 77.6 lb (maximum configuration)
AGENCY APPROVALS	Safety standards
	UL 60950, CSA 60950, S Mark
	EN 60950 (Europe), CB Scheme
	Electromagnetic Compatibility (EMC)
	EN 55022 Class A, CE Mark
	EN 55024 Immunity, ITE
	FCC Class A, VCCI Class A (Japan); AN/NZS 3548 Class A (Australia/New Zealand)
	NOM (Mexico); GOST-R (Russia); IRAM (Argentina); BSMI (Taiwan); MIC (Korea)
C-Tick compliance N4292	
CUSTOMER CARE SERVICES PROGRAMS	Complete Care Plus
	24-hour priority online/telephone access, software maintenance and updates, 4-hour onsite advance hardware replacement; Secure Site option available for non-return of drives
	Complete Care
	24-hour priority online/telephone access, software maintenance and updates, next business day advance hardware replacement; Secure Site option available for non-return of drives
	Limited Warranty
	2 years telephone support (business hours 9AM-5PM EDT/EST USA); 1 year software maintenance and updates; 2 years hardware (return to factory, first 90 days advance replacement, pass through of drive manufacturer warranty)

FOOTNOTES

*1 GB = 1,000,000,000 bytes, useable space may be less

¹Qualified for Microsoft Windows Server 2003

**1 TB = 1,000,000,000,000 bytes, useable space may be less

²Qualified for Microsoft Windows Server 2000 and 2003, VMware, Linux and Sun Solaris Operating Systems

***Rack not included



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