EQUALLOGIC®
SIMPLIFYING NETWORKED STORAGE™

PS400E STORAGE ARRAY

With 10.5 TB of capacity within a 3U enclosure, the PS400E is an enterprise SAN delivering best-in-class performance while providing both primary and secondary storage for database, e-mail, print, file, and web service applications.

DATA SERVICES INCLUDE:
- Auto-Replication
- Automatic Load Balancing
- Auto-Snapshot Manager[1]
- Auto-Stat Disk Monitoring System
- Volume Consistency Sets
- Multi-Path I/O[2]
- PS Group Manager
- Pooled and Tiered Storage
- RAID Load Balancing
- Snapshot and Auto-Replication Scheduler
- E-mail Home
- Storage Virtualization
- Volume Cloning
- Volume Management
- Volume Snapshot

PS STORAGE STACK

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

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
Disk capacity	750 GB*; 7,200 RPM SATA II
System capacity	10.5 TB**
Number of drives	14
I/Os per second	60,000
Memory (battery-backed)	2 GB
Gb network interfaces	3
Copper (standard)	
Optical (SFP purchased separately)	
Sustained system bandwidth	300 MBps
Operating systems supported	Windows® 2000, Windows Server 2003, Windows XP, NetWare®, Linux, Solaris™, AIX®, HP-UX, Mac OS® X, VMware® ESX
Expansion option	Can be combined with other PS systems in a PS Storage Stack

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

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

Input voltage/power	100-240 VAC (auto-sensing) / 450 VA
Input current	4.0 A (maximum) @ 115 V
Input frequency	50-60 Hz
Power supplies	Dual 400 W
Power consumption	450 W

ENVIRONMENTAL

Temperature range	5 to 40 °C / 41 to 104 °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
Thermal output	1,500 BTU per hour, 450 W (maximum configuration)
Shock	30 G for 2 ms operational / 30 g for 10 ms 1/2 sin non-operational
Vibration	.1 G @ 10 to 100 Hz operational / Random 1.04 grms 2-200 Hz non-operational
Acoustics	Sound Power Operating: <5.8 db LpA @ 20 °C

PHYSICAL

Height	13.33 cm / 5.25 in / 3 EIA units
Width	44.77 cm / 17.625 in / 1EC Rack Compliant
Depth	63.5 cm / 25 in
Weight	36.74 kg / 81 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)
C-Tick Compliance	N 4292

LIMITED WARRANTY

2 years telephone support: business hours 5x9

1 year software maintenance and updates

2 years hardware (return to factory, first 90 days advance replacement, 1 year battery, 3 years on disks)

SUPPORT PROGRAMS

Complete Care	24-hour priority online/telephone access, software maintenance and updates, next business day advance hardware replacement
Complete Care Plus	24-hour priority online/telephone access, software maintenance and updates, four hour onsite advance hardware replacement

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

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[1]Qualified for Microsoft Windows Server 2003

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

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