EqualLogic PS4110 and PS4100 Series

The Dell™ EqualLogic™ PS4110 and PS4100 storage arrays are designed to provide excellent flexibility, performance and capacity for your growing business requirements. The series offers multiple configurations in drive capacities with up to 36TB of storage in 2U/3.5" options. Additionally, the PS4110 Series offers increased throughput with 10GbE, and the flexibility of using SFP+ or 10GBASE-T (copper) so you can leverage your existing infrastructure or build out lower-cost 10GBASE-T.

Performance and capacity where and when you need it

With the EqualLogic PS4110 and PS4100 Series, you do not have to make a choice between scaling storage performance or expanding capacity. The PS4110 and PS4100 Series can keep pace with your application demands — with 10GbE or 1GbE throughput, respectively — all while providing simple management and seamless expansion.

Enterprise power, everyday simplicity

PS Series arrays are based on a virtualized, modular storage architecture that enables you to purchase only the storage you need when you need it. Sophisticated yet simple management features speed SAN configuration, and built-in intelligence capabilities sense network connections, automatically build RAID sets, and conduct system health checks. All PS Series arrays, regardless of generation, work together to automatically manage data, load balance across all resources or seamlessly expand the storage pool when you add a new array. The PS4110 and PS4100 Series also include fault-tolerant capabilities through use of fully redundant and hot-swappable controllers, fan trays, power supplies and disk drives.

Feature-rich software portfolio

The EqualLogic PS Series arrays include innovative array and host software with no additional cost or software licensing fees. EqualLogic's unique all-inclusive software licensing model allows you to continue to add new features and functionality to your existing hardware as they become available — without charge. You can deploy the latest storage innovations without a costly rip-and-replace upgrade. PS Series arrays include enterprise-class storage software features like sub-volume automated tiering, thin provisioning and pointer-based snapshots to help you efficiently deliver the right data to the right place at the right time. In addition, 10GbE arrays feature Data Center Bridging designed to greatly reduce or eliminate dropped packets by standardizing performance over your converged SAN and LAN network.

EqualLogic Host Software extends the functionality of the array-based software, optimizing server and storage cooperation. Host Integration Tools are available for major OS and hypervisor providers, including Microsoft, VMware and Linux.

> Lowest TCO over a five year period compared to comparable SAN arrays in the market.*

PS4100 and PS4110 Series

Features	PS4100E/PS4110E	PS4100X/PS4110X[1]	PS4100XV/PS4110XV[1]	PS4100XV 3.5"/PS4110XV 3.5"
Product configurations	High-capacity array for efficiency and cost-effectiveness	Performance and capacity for your remote or branch office data center	Exceptional IOPS performance for remote office consolidation	Cost-effective performance and capacity for your enterprise data center
Storage controllers	Dual controllers with 4GB[2] non-volatile memory per controller			
Network interfaces	PS4100 Series: Management network: One 100BASE-TX per controller Interfaces ports: Two 1000BASE-T ports per controller PS4110 Series: Management network: One 100BASE-TX per controller Interfaces ports: One 10GBASE-T with RJ45 and one 10GbE SFP+ for fibre or twin-ax copper cabling			
Hard disk drives[1]	12 hot-pluggable 3.5" 7.2K RPM NL-SAS drives	24 hot-pluggable 2.5" 10K RPM SAS drives	24 hot-pluggable 2.5" 15K RPM SAS drives	12 hot-pluggable 3.5" 15K RPM SAS drives
Drive capacities	1TB[2], 2TB, 3TB	300GB, 600GB, 900GB	300GB	600GB
System capacities	Up to 36TB	Up to 21.6TB	Up to 7.2TB	
Operating systems and hypervisors	Microsoft® Windows Server® including Hyper-V® VMware® ESX Server Red Hat® Enterprise Linux® (RHEL) SUSE® Enterprise Linux® (SLES) Oracle® Linux Oracle® Solaris™ IBM® AIX® HP-UX Mac OS® X Citrix® XenServer® Novell® NetWare® For a complete list of supported OS versions including software initiators, NICs/CNAs, and HBAs, please see the EqualLogic Compatibility Matrix.			
RAID	RAID 5, RAID 6, RAID 10, and RAID 50[3]			
Expansion option	Can be combined with other EqualLogic PS Series arrays in the same SAN group, online. A maximum of two PS4x00 arrays can be in a group.			
Reliability	Redundant hot-swappable controllers with vertical port sharing Hot-swappable disks and power supplies			
Physical	Height: 2U 8.68 cm (3.41 in) Width: 44.63 cm (17.57 in) E/XV 3.5" Depth: 59.4 cm (23.4 in) X/XV Depth: 54.1 cm (21.3 in) E/XV 3.5" Weight: 29.2 Kg (64.4 lb) X/XV Weight: 24.1 Kg (53.1 lb)			
Power	AC voltage: 100-240 VAC +10% single phase 700W (max, total), +5V up to 155W; +12V up to 624W; +5Vsb up to 10W Frequency: 50/60 Hz Power factor: 0.98 (minimum) Power supplies: Dual 700W			
Rack support	ReadyRails™ II static rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded-hole racks			
Dell support and optional storage service offerings	Dell ProSupport Plus for critical systems or Dell ProSupport for premium hardware and software support are recommended to provide you the right support services for your EqualLogic solution.[4] Contact your Dell representative today for more information.			

[1] Availability varies by region. Please contact your Dell sales representative for specifics in your area.
[2] GB means 1 billion bytes, TB equals 1 trillion bytes and PB equals 1 quadrillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
[3] RAID 5 is also available for non-production data, but is generally not recommended; RAID 50 is similarly not recommended for production data on drives larger than 2TB.
[4] Availability and terms of Dell Services vary by region. Dell Basic Service is included standard with EqualLogic units. For more information, visit Dell.com/ServiceDescriptions.

Global services and support

Reduce IT complexity, lower costs and eliminate inefficiencies by making IT and business solutions work harder for you. You can count on Dell for end-to-end solutions to maximize your performance and uptime. A proven leader in Servers, Storage and Networking, Dell Enterprise Solutions and Services deliver innovation at any scale. And if you're looking to preserve cash or increase operational efficiency, Dell Financial Services has a wide range of options to make technology acquisition easy and affordable. Contact your Dell Sales Representative for more information.

Learn more at Dell.com/EqualLogic