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 a 2U/3.5" options. Additionally, the PS4110 Series offers you 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. So, 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, so you can 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®.

Find your storage solution

With a variety of systems built for capacity and performance, there is an EqualLogic solution designed to suit your needs. And with comprehensive Dell Data Management Services that help plan, design, implement and support an efficient data management strategy and ecosystem, you can satisfy today's data availability, retention and recovery requirements while preparing to meet the demands of tomorrow.

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

PS4110 and PS4100 Series				
Features	PS4100E/PS4110E	PS4100X/PS4110X*	PS4100XV/PS4110XV*	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 a total of 8GB† backup cache data to flash memory for data protection			
Network interfaces	PS4100 Series: Two (2) GbE copper, One (1) 10/100 copper (optional management network only) per controller PS4110 Series: 10GbE connectivity with one (1) 10GBASE-T with RJ45, one (1) 10GbE SFP+ for fibre or twin-ax copper cabling and one (1) 100BASE-TX dedicated management port per controller			
Hard disk drives (Please contact your Dell Sales Representative for availability details in your area)	PS4100E: Twelve (12) NL-SAS hot-pluggable hard drives. Six (6) drive configuration available. PS4110E: Twenty-four (24) NL-SAS hot-pluggable hard disk drives. Twelve (12) drive configuration available.	Twenty-four (24) 10K SAS hot-pluggable hard disk drives. Twelve (12) drive configuration available.	Twenty-four (24) 15K SAS hot-pluggable hard disk drives. Twelve (12) drive configuration available.	PS4100XV 3.5": Twelve (12) 15K SAS hot-pluggable hard drives. Six (6) drive configuration available. PS4110XV 3.5": Twenty-four (24) 15K SAS hot-pluggable hard disk drives. Twelve (12) drive configuration available.
Drive capacities	3.5" 7.2K RPM NL-SAS drives available in 1TB†, 2TB†, or 3TB† or 3TB† NL-SAS SEDs	2.5" 10K RPM SAS drives available in 300GB†, 600GB† and 900GB† or 900GB† SAS SEDs	2.5" 15KRPM SAS drives available in 146GB and 300GB† or 300GB† SAS SEDs	15K RPM SAS drives available in 600GB† or 600GB† SAS SEDs
System capacities	Up to 36TB†	Up to 21.6TB†	Up to 7.2TB†	
OS Supported[1]	Windows® 2000 Server, Windows Server® 2003, Windows Server® 2008, including Hyper-V™, Windows Vista®, Windows Server® 2008 R2 including Hyper-V™, Windows XP®, Red Hat® Enterprise Linux®, SUSE® Linux® Enterprise, Sun™ Solaris™, IBM® AIX®, HP-UX, Mac OS® X, VMware® ESX Server 3/3.5/4/4.1/5.0, ESXi 3.5/4/4.1/5.0, Citrix® XenServer™, Novell® NetWare®			
RAID supported	RAID 5 (not recommended), RAID 6, RAID 10 and RAID 50			
Expansion option	Can be combined with other EqualLogic PS Series arrays in the same SAN group, online. A maximum of two (2) PS4x00 arrays can be in a group.			
Physical	Height: 2U 8.68 cm (3.41 inches) Width: 44.63 cm (17.57 inches) E/XV 3.5" Depth: 59.4 cm (23.4 inches) X/XV Depth: 54.1 cm (21.3 inches) E/XV 3.5" Weight: 29.2 Kg (64.4 lbs) X/XV Weight: 24.1 Kg (53.1 lbs)			
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 700 W			
Rack support	Dell ReadyRails™ sliding rails for square-hole 4-post and 2-post racks 1U/2U rail attachment brackets, designed to enable PS arrays to snap into place with screws or other hardware. Dell VersaRails sliding rails for 4-post and 2-post racks 1U/2U rail attachment brackets, designed to enable. PS arrays to be mounted in racks whose posts have round holes			
Dell support and optional storage service offerings	3-year Dell Basic Service[2] is included with this EqualLogic purchase. This service covers essential telephone support during local business hours, service parts logistics available in the locality and access to software/firmware updates. Service upgrades are available. Contact your Dell representative today for more information.			

Learn more at dell.com/EqualLogic