Dell PowerVault NX3000

If you are having trouble keeping up with your data growth and you have limited resources to manage your file environments, the Dell™ PowerVault™ NX3000 is the NAS device you need.

Advanced software for efficient data sharing

Share data among many, disparate users in an efficient, non-intrusive way. Single Instant Storage (SIS) eliminates data clutter by identifying duplicate files, freeing up more, valuable space for your environment. Distributed File System (DFS) and DFS Replication (DFS-R) allow simplified, quick access to data and replication stored across WAN/LAN environments, even to your remote offices. File Server Resource Manager (FSRM) is a single-management interface that helps deliver advanced managed file services across CIFS/NFS and provides exceptional control over files, perfect for audit, compliance and planning purposes.

No wasted time to setup or manage

Avoid the hassle of building a file server from scratch. The PowerVault NX3000 is optimized for storing, sharing, and protecting files and is pre-configured and designed to be ready to go out of the box. Take full advantage of the Initial Configuration Tasks wizard to streamline the setup process. Also, there is no need to buy additional Client-Access Licenses (CALs) for each user you add to your NX3000. Support for multiple users is already built into this file-sharing system. Lastly, manage your files remotely, from wherever you are, using iDRAC, OpenManage including Dell Management Console (DMC), and IT assistant on the NX3000.

Integration that adapts to your environment

Not all environments look the same. The PowerVault NX3000 simplifies your storage footprint by allowing you to store both file and application data simultaneously while supporting different operating environments. You can also use the NX3000 as an NAS gateway with your existing PowerVault, Dell / EMC or Dell EqualLogic™ SAN investments.

High Availability

Implementing clustered, high availability solutions is also easy by clustering two NX3000 appliances. The PowerVault NX3000 can grow with you and support many companies growing data availability requirements.

Easy to Deploy and Manage File and Block Storage Solution.

The NX3000 lets you leverage SAN arrays for expansion or deploys in a clustered configuration for high availability.

Feature	Dell™ PowerVault™ NX3000
Operating System	Microsoft® Windows® Storage Server 2008 Standard Edition
File Access Protocols	CIFS, NFS, FTP
Block Access Protocols	Optional iSCSI Target
Form Factor	2U Rack
Number of Processors	1 or 2
Processors Supported	Intel® Xeon® Dual-Core and Quad-Core 5000 Sequence Processors
Internal Storage	6 drives
Max Internal Capacity	12 TB[1] Raw (with SATA and NL-SAS)
Drives Supported[1]	SAS, SATA, Near-line SAS: 3.5" SATA (7.2K): 160 GB, 500 GB, 1 TB, 2 TB 3.5" SAS (15K): 146 GB, 450 GB, 600 GB 3.5" Near-Line SAS (7.2K): 500 GB, 1 TB, 2 TB
Expandability	Optionally expand with MD1200 (H800), MD1000 (PERC 6/E), MD3000 (6 Gb SAS HBA) (or) use as gateway to PowerVault MD3000i or EqualLogic and Dell / EMC arrays
RAID Type	HW RAID Levels: 0, 1, 5, 6, 10, 50
Network Connectivity	Gigabit Ethernet: 4 x RJ45 Connectors, both supporting TCP/IP offload. Optional add-in NICs available
Slots	2 PCIe x8 + 2 PCIe x4 G2
Power	Two hot-plug 870W PSUs
Fans	Standard redundant cooling
Availability	Hot-plug hard drives Hot-plug redundant power Hot-plug redundant cooling ECC memory
Management	Dell OpenManage™ featuring Dell Management Console
Remote Management	Optional iDRAC Enterprise or Native Java RDP plug-in
Data Protection Features	SIS, DFS-R, Snapshots (dependant on external storage array feature)
Chassis	NX3000 physical dimensions: Height: 8.64cm (3.40") Width: 44.31cm (17.44") Depth: 68.07cm (26.80") Weight (maximum config): 26.1kg (57.54lb)
Rack Support	Sliding ReadyRails™ for 4-post Racks Static ReadyRails™ for 4-post & 2-post Racks
Regulatory and Environmental Compliance	Regulatory Model: E02S, Regulatory Type: E02S001

[1]GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

Find more information at Dell.com/storage