



Dell PowerVault NX3200 Network-Attached Storage

The Dell™ PowerVault™ NX3200 is a capacity-dense, dedicated NAS solution integrated with advanced file-sharing software designed to help smaller offices stay efficient and productive. It's also flexible enough to support applications (block data) to make sure people with limited resources can save time and don't have to manage separate types of storage.

Share Files and Applications in Your Office

The PowerVault NX3200 is a dense capacity system designed for information-sharing of file and block data. It packs up to 36TB of internal capacity in a 2U chassis using the available 12 hard drive bays, with the capacity to expand using Dell PowerVault storage arrays.

Network File System (NFS) consolidates all of your file-sharing resources to help improve productivity. Users can now easily collaborate because they can share data across Windows® and non-Windows clients. Through NFS, data can be replicated through Distributed File System (DFS), protected by Volume Shadow Copy (VSS) backup solutions and reported and monitored by File System Resource Manager (FSRM).

Put the Latest Storage Technology to Work for You

The PowerVault NX3200 offers the right levels of capacity and storage software to keep you efficient. Choose from high-capacity near-line SAS drives up to 3TB each or higher-performance SAS drives up to 600GB to customize your NX3200 for your environment. Plus, you can expand externally with fast, 6 GB SAS arrays, like Dell's PowerVault MD1200 and MD1220, to dynamically grow your valuable sharing space without compromising performance.

Stay focused on your business with advanced storage features in Microsoft's proven Windows® Storage Server

2008 software. Single-instance storage (SIS) is file-level deduplication that improves file performance and optimizes disk capacity by actively comparing and eliminating identical files. This process is transparent to end users and applications and requires no user intervention.

Ide Setup and Manage Your Information with Ease

Don't waste time building file servers from scratch. The PowerVault NX3200 arrives with everything you need to easily share information, saving you valuable time. Dell integrates Microsoft's Windows® Storage Server 2008 R2 with convenient setup wizards, like the Initial Configuration Task tool, to get your NAS up and running quickly with few steps. It seamlessly fits into your current Windows® environment, allowing you to leverage the same management and protection tools already deployed. In fact, Windows® Storage Server 2008 includes unlimited Client Access Licenses (CALs), so you won't have to worry about keeping pace with additional users.

Set quotas, run reports and get visibility to your files and storage statistics with File Services Resource Manager (FSRM). This will help improve compliance and control over your file services. It also helps in planning and implementing future policy changes and the addition of storage capacity to meet your businesses growth. By combining storage allocation, share management for CIFS/SMB, as well as NFS, you gain a single view for your entire file serving responsibilities.

Features	Dell™ PowerVault™ NX3200
Operating system	Microsoft® Windows® Storage Server 2008 R2 Standard Edition
File access protocols	CIFS, NFS, FTP
Block access protocols	Microsoft® iSCSI Target
Form factor	2U Rack
Number of processors	1 or 2
Processors supported	1 x E5-2609 2.40GHz,10M Cache or 2 x Intel E5-2640 2.50GHz,15M Cache
Internal storage	Two, hot-swappable 2.5" SAS HDDs for OS (RAID 1) and 12 data HDDs
Max internal capacity	Up to 12 – 3.5" SAS, NL-SAS or SATA drives for a total for 36TB
Drives supported	3.5" SAS, NL- SAS and SATA
External expansion	Not pre-configured for expansion. To enable expansion with non-redundant storage, add a PERC card and attach PowerVault MD1200 expansion module(s).
RAID type	OS (RAID 1), Data drives RAID 5 or RAID 6 (minimum 4HDDs)
Network connectivity	Gigabit Ethernet 4 x RJ45 NDC (Network Daughter Card) options, with 1Gb (Value and Optimal configurations) and 10Gb (Performance configuration)
Slots	Two x16 full-length, full-height One x8 full-length, full-height Three x8 half-length, half-height
Power	Hot Plug PSUs 750W (single PSU on Value and Optimal, redundant PSUs on Performance configurations)
Fans	Standard redundant cooling
Availability	Hot-plug hard drives, Hot-plug redundant cooling ECC memory Optional Hot-plug redundant power,
Management	Dell OpenManage™ featuring Dell Management Console
Remote management	iDRAC 7 Enterprise or Native Java RDP plug-in
Data protection features	SIS, DFS-R, Snapshots (VSS), FCI
Rack support	Sliding ReadyRails™ for 4-post Racks Static ReadyRats™ for 4-post & 2-post Racks
Regulatory and environmental compliance	To receive a copy of a Declaration, please send an e-mail to Regulatory_Compliance@dell.com with the marketing name and model number for the relevant product(s) included in the body of the e-mail.

Simplify your storage at Dell.com/PowerVault

