



# Dell PowerVault NX200 network-attached storage

The Dell™ PowerVault™ NX200 is an entry level, tower form factor NAS (Network Attached Storage) appliance that will provide simple file sharing capabilities for small offices and ROBOs (Remote Office Branch Office) to help them stay efficient and productive. With its RAID 5 configuration the NX200 ensures that business critical data is kept secure.

## Simple data consolidation for the small business

The PowerVault NX200 comes pre-configured with 4 hot-pluggable SATA hard drives in a RAID 5 setup. Capacity options of 1TB, 2TB, 4TB and 8TB ensure that there is an adequate solution for every small business. Start consolidating and transferring data that has been accumulated on laptops and desktops around the office onto a centralized storage unit. Not only is the NX200 a secure place to keep your data, but it is also a single point to backup your data and restore your data in the event of a disaster.

Use the CIFS/SMB file sharing capabilities to consolidate your file-sharing resources and help improve productivity. Users can now easily collaborate because they can share data across Windows® and non-Windows clients. Create snapshots using Volume Shadow Copy (VSS) as an added measure of protection.

## Enterprise technology for the small business

The PowerVault NX200 is designed to offer the right level of capacity and storage software to keep you efficient. It also can leverage the right amount of enterprise technologies to keep your small business data secure and make your operation reliable.

Hybrid RAID with the S300 RAID controller (combines hardware and software RAID), enterprise-class hard drives with high 24/7 duty cycles are a sure fit for a business-class NAS that needs to run without interruption. In addition, the NX200 enterprise class SATA hard drives have a higher MTBF (Meantime Between Failure) rating, exceeding consumer grade SATA drives in reliability, paired with a 24/7 duty cycle rating for continuous operation.

Remote system monitoring and management through iDRAC Express lets small business administrators collect system information and perform simple configuration

tasks even when the OS is not running. When the NX200 is deployed as a departmental or ROBO (Remote Office Branch Office) solution it can be accessed remotely.

System management through Remote Desktop Protocol (RDP) can provide a familiar Windows® interface from any Windows® client that supports RDP to manage the NX200.

## Setup and manage your information with ease

Windows® Storage Server 2008 Basic (WSS2008 Basic) is based on Windows® Server 2008, a time-proven enterprise-class operating system that can be found in data centers around the world today. WSS is backed by Microsoft® support and maintained through continuous updates, bug-fixes and security patches. Not only is WSS2008 built upon the hugely successful Windows® 2008 Server OS, but it is also as easy to use as your average Windows® desktop.

Doesn't waste time building file servers from scratch. The PowerVault NX200 arrives with everything you need to easily share information, saving you valuable time. Dell integrates Microsoft's Windows® Storage Server 2008 with convenient setup wizards, like the Initial Configuration Task tool, to get your NAS up and running quickly with few steps. It seamlessly integrates into your current Windows® environment, allowing you to leverage the same management and protection tools already deployed. In fact, Windows® Storage Server 2008 does not require additional Client Access Licenses (CALs)—an instant benefit.

The NX200 is a great choice for any small business with entry-level file sharing needs. It leverages enterprise-class Dell server technology and a services and support organization qualified to help businesses from one to many thousands of users. All of this is made easy through the use of tools that WSS2008 Basic provides.

Feature	Dell™ PowerVault™ NX200
Operating System	Windows® Storage Server 2008 Basic Edition 64-bit
File Access Protocols	CIFS, FTP
Type of Data Supported	File
Form Factor	Tower
Number of Processors	1
Processors Supported	One Dual-Core Intel® Celeron® Processor G1101 (2M Cache, 2.26 GHz)
Memory	2GB, 2x1GB, 1066 MHz, 2R UDIMM
Internal Data Drives	4, 3.5" data drives
Max Internal Capacity	8TB raw
Drives Supported	SATA (7.2K): 250GB, 500GB, 1TB, 2TB
External Scalability	RD1000
Slots	2 PCIe x8 + 1 PCIe x16 + 2 PCIe x1
Hardware RAID Levels (custom-configurable options)	R5/R5 (OS/DATA)
Hardware RAID Levels (factory-installable options)	0, 1, 5, 10, 6
RAID Controller	PERC S300
Availability	Hot-plug hard drives
Cluster Support	No
Management	BMC, IPMI2.0 compliant Dell OpenManage™ featuring Dell Management Console Unified Server Configurator LifeCycle Controller enabled via optional: iDRAC6 Express
Remote Management	Optional iDRAC Express or Native Java RDP plug-in
Data Protection Features	Snapshots (VSS)
Chassis	17.3 H x 8.6 W x 20.5 D (in) 440 H x 218 W x 521 D (mm)
Rack Support	None
Regulatory and Environmental Compliance	Regulatory Model: E09S Regulatory Type: E09S001

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