

## Dell PowerVault NX1950

**Summary:** You can provide your network with 13.4TB of raw storage with the PowerVault NX1950 that wins our Editor's Choice Award for performance and value.

Price: \$23,869

[www.dell.com](http://www.dell.com)

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Most medium to enterprise level corporations or organizations are well aware of the amount of storage that it takes to please the business units of the company. While you could purchase a vast amount of storage space upfront, this could be a costly endeavor and a big bite in the budget. Dell has an answer to this specific situation that allows you to offer both NAS and iSCSI SAN solutions in one product with the PowerVault NX1950 appliance that receives our Editor's Choice Award for performance and value.

There are several different configuration possibilities with the 1U Dell PowerVault NX1950 that allows you to grow the storage capabilities of the unit as more data space is required. The appliance connects to a Dell MD3000 which is a 3U rack-mount dual-controller external RAID array with 15 drive bays. The minimum requirement calls for two 15K-RPM 36GB SAS drives that are configured in a RAID-1 setting to mirror the unit's operating system. A slimline DVD-ROM drive allows you to load software on to the appliance.

The maximum drive capacity utilizes fifteen 300GB 15K-RPM Serial-Attached SCSI HotPlug drives to provide a total storage capacity of 4.5TB. You also have the ability to connect the NX1950 with two additional MD3000 shelves. This particular configuration could provide up to 13.5TB of raw storage. The appliance supports several different RAID configurations that include 0, 1, 5 and 10. You

## This particular Dell appliance can offer both NAS and iSCSI storage capabilities.

can have up to 256 virtual disks as well as thirty physical disks per disk group. Dell loads several different software tools that allow you to carry out several different functions such as replication, volume creation and many others.

Inside the Dell PowerVault NX1950 includes two quad-core Intel 5300-series processors. This particular processor include two dual-cores with each core

If your company is looking for a solid storage solution that is affordable and easy to install, then you'll want to check out Dell's PowerVault NX1950 appliance that has a minimum price of \$23,869. Each of the PowerVault MD3000 shelves with fifteen 3Gbps 10K-RPM 300GB SAS hard drives run an additional \$20,000. Visit the company's web site for more information at [www.dell.com](http://www.dell.com).



given 4MB of Level 2 cache or 8MB overall. Several different speeds of the CPU is available and your Dell representative can provide you with all the details. The standard model comes with 4GB of RAM although an optional upgrade allows you to up that to 8GB. There are a total of four RJ-45 10/100/1000Base-T Ethernet connections where two of them support TCP/IP offload. The company does also sell the PowerVault NX1950 Gateway solution that offers two 4Gb Fibre Channel connections.

