



Network Storage Gateway IntelliNAS V9000 Series Storage



- ◆ **Storage Consolidation that can simultaneously meet your diverse needs – SAN and NAS, primary and secondary storage.**
A Unified storage platform supporting simultaneous block and file services for business and technical applications.
- ◆ **Unlock the full potential of your growing computing environment by enabling machine mobility and offloading the work of data protection**
Enable the connection of your heterogeneous server environment (including Windows, UNIX and Linux servers) and clients to one storage system by using industrial standard protocols and interfaces.
- ◆ **Performance that meet and exceed your applications demand**
Outstanding file-based and transaction based performance with high bandwidth, 64-bit architecture, and the latest I/O technologies.
- ◆ **Impressive scalability to meet your diverse business needs**
Storage platform starts from 2TB and supports real time field upgrade to 240TB "Buy what you need today and grow when you need it in the future"
- ◆ **Excellent Return on Investment (ROI)**
Highly efficient storage utilization makes it possible for you to dramatically reduce your consumption of raw storage, power, cooling and space.
- ◆ **Increase data and application availability**
In addition to field proven RAID technology with RAID 0, 1, 5, 6, 10, 50 and 60 to protect against data loss and system downtime, a full suite of enterprise data protection software provides remote data replication and point-in-time disaster recovery.
- ◆ **Centralized Management for both file and block based storage**
Web based management allows users to manage their system via remote Browsers from any place in the world and preserve investment in staff expertise by using same management tools



High Value with unbeatable ROI

Today's business environment demands innovation and increasing flawless execution. Virtualized computing is quickly becoming the norm. With IntelliNAS V9000 series gateway storage, you have an ultimate all-in-one storage solution for handling block based storage, file serving, server consolidation, backup and restoration strategies, replication solutions, and the integration of NAS and SAN investments. Packed with enterprise features and protected with a 3 year warranty, IntelliNAS V9000 series delivers unsurpassed value with a price that is lower than all other storage solutions on the market.

High Availability and Advanced Data Protection

IntelliNAS V9000 series features field proven RAID technology that supports RAID levels 0, 1, 5, 6, 10, 50 and 60 protections. All systems include hot swap technology, which allows the HDD to be easily replaced and installed. Furthermore, a full suite of enterprise software is available to protect your data. By connecting with another IntelliNAS remotely via Gb Ethernet ports, backup and restore can be accomplished via our automated asynchronous remote mirroring. V9000 series SnapBack technology helps reduce backup time to minutes; SnapQuick enables recovery of point-in-time data, also in minutes.

High Usability

IntelliNAS V9000 series can be installed in just 15 minutes with plug-and-play network connectivity and intuitive installation tools. The web based management software allows users to manage their storage systems via web browsers from any place in the world. Thin provisioning helps you to eliminate stranded storage. Preserve investment in staff expertise and capital equipment with IntelliNAS V9000 series that are based on industrial proven 3GenNAS Operating System and using the same management tools. While 3Gen's products are always on the cutting-edge, our customers can rest assured that easy-to-use stays on top of 3Gen's design philosophy. 3Gen is committed to bringing advanced Information Life Cycle Management features to small and medium businesses.

Storage Sharing and Access Control

With versatile IntelliNAS V9000 series systems, you can use high performance SAS or large capacity SATA disk drives for optimal performance and cost. On the same system, you can seamlessly consolidate block and file storage. IntelliNAS V9000 series makes this possible by providing native support of the iSCSI, NFS and CIFS storage protocols.



the next generation of business machines



Data specifications



IntelliNAS V9030 and V9040
(1U and 2U)

IntelliNAS V9080, V9120
(3U and 4U)

Configuration

Operating System	3GenNAS Pro	3GenNAS Pro
CPU(s)	Xeon Dual Core 3040 or above	Xeon Quad Core E5506 or above
Memory	1GB DDRII (V9030) and 2GB DDRII (V9040)	3GB DDRIII
Hard Drive Interface	4 or 8 Serial ATA II / SAS disks	16 or 24 Serial ATA II or SAS disks
Maximum storage capacity	8TB (V9030) and 16TB (V9040), 2TB per disk	120 disks with optional SAS JBOD 240TB, 2TB per disk

Connectivity

10/100/1000 Ethernet Ports	2 Auto-sensing	4 Auto-sensing
NIC Teaming	Yes	Yes
Load Balancing	Yes	Yes
Ethernet Failover	Yes	Yes
Backup Interface	USB2.0 and SCSI (optional)	USB2.0 and SCSI (optional)
Interoperability	Windows, Unix, Linux, Novell and MAC	Windows, Unix, Linux, Novell and MAC
Interface Support	iSCSI, CIFS, NFS, HTTP, FTP, SMB, AD, LDAP	iSCSI, CIFS, NFS, HTTP, FTP, SMB, AD, LDAP

Data Protection and Reliability

Hot swap HDD	True Hot Swap	True Hot Swap
RAID	RAID 0, 1, 5, 6, 10, 50 and 60	RAID 0, 1, 5, 6, 10, 50 and 60
Online Volume Expansion	Yes	Yes
SnapBack / SnapQuick	Yes	Yes
Redundant Cooling Fans	5 hot swappable	3 hot swappable
Redundant Power Supply	2 hot swappable (V9040)	2 hot swappable
UPS Support	Yes	Yes
Environmental Monitor	Yes	Yes
Client Backup Software	Yes	Yes
NAS Server Backup Software	Included with USB attachment (tape optional)	Included for USB attachment (tape optional)
Asynchronous Mirroring	Yes	Yes
Mirroring OS	Optional	Optional

Management

Remote Management	Yes	Yes
Active Directory Services	Yes	Yes
Distributed Files System	Yes	Yes
File Replication Services	Yes	Yes
Multiple Device Manager	Yes	Yes
Network Discovery Tool	Yes	Yes
SNMP Support	Yes	Yes



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