



Unified Storage
IntelliNAS V9000Pro Series Storage



- ◆ **Storage Consolidation that can simultaneously meet your diverse needs – SAN and NAS, primary and secondary storage.**
 An unified storage platform supporting simultaneous block and file services for business and technical applications.
- ◆ **The most powerful RAID Engine on earth with Optional Xeon 5606 CPU!**
 Dual Xeon Quad Core E5506 or 6 Core Xeon 5650 with 16GB Dedicated ECC DDR3 Memory
- ◆ **Upgradeable to 4Gb/8Gb FC ports and 10Gb Ethernet ports**
 Standard with 4 independent Gb Ethernet ports
- ◆ **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.
- ◆ **Maximum scalability to meet your diverse business needs – up to 500 HDDs**
 Storage platform starts from 3TB and supports real time field upgrade to 1500TB
 “Buy what you need today and grow when you need it in the future”
- ◆ **Centralized Network Server Backup software included as standard**
 3GenBackup included as standard to protect valuable data. No need to purchase expensive separate server backup software.
- ◆ **Speedy Natural Disaster Recovery via Remote Volume Mirroring**
 Ability to mirroring critical data to remote location via FC and/or iSCSI
- ◆ **Value-added applications available for cloud computing, productivity and data availability**
 Dynamic thin provisioning, block level data de-duplication, real time Volume based encryption, WORM (Write Once Read Many), performance enhancing SSD and N+1 clustering to protect sensitive and mission critical data



High Value with unbeatable ROI

Today's business environment demands innovation and increasing flawless execution in all environments including virtualized computing. With IntelliNAS V9000Pro series Unified Storage 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, regulatory compliance data retention and the integration of NAS and SAN investments. Packed with enterprise features and protected with a 3 year warranty, IntelliNAS V9000Pro series delivers unsurpassed value with a price that is lower than all other storage solutions on the market.

High Availability and Advanced Data Protection

All systems include hot swap technology and block level volume cloning software for maximum data protection. By connecting with another IntelliNAS remotely via Gb Ethernet ports, backup and restore can be accomplished via our automated file based asynchronous remote mirroring and synchronous / asynchronous block based volume mirroring. V9000Pro incorporates SnapBack technology to reduce backup time to minutes; SnapQuick to enable recovery of point-in-time data in minutes. Furthermore, a full suite of optional enterprise software such as Global clustering (active-active and active-passive), WORM, real time volume encryption, dynamic thin provisioning and block based data de-duplication with projected 70% capacity saving.

High Usability

IntelliNAS V9000Pro 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. Preserving investment in staff expertise and capital equipment is easy because IntelliNAS V9000Pro series are based on industrial proven 3GenNAS Operating System and 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 all enterprises

Storage Sharing and Access Control

With versatile IntelliNAS V9000Pro series systems, you can use high performance SAS or large capacity SATA disk drives for optimal performance – cost ratio. On the same system, you can seamlessly consolidate block and file storage. IntelliNAS V9000Pro series makes this possible by providing native support of the iSCSI, FC, NFS and CIFS storage protocols.



The next generation of business machines



Data specifications



**IntelliNAS V9040Pro, V9080Pro, V9120Pro
(2U, 3U and 4U)**

Configuration

Operating System	3GenOS 64bit
CPU(s)	Dual Xeon Quad Core E5606 or 6 Core E5650 2.66Ghz
Memory	16GB ECC DDRIII up to 192 GB or more
Hard Drive Interface	16 or 24 Serial ATA III or SAS HDDs – 500 HDDs with optional JBOD
Maximum storage capacity	1500TB, 3TB per disk
4in1 High Perf. SAS Chassis	V9040 (standard), V9080 (Optional)

Connectivity

10/100/1000 Ethernet Ports	4 Auto-sensing (Up to 8)
4Gb/8Gb FC & 10Gb Ethernet	Optional
NIC Teaming with LACP	Yes
Load Balancing	Yes
Ethernet Failover	Yes
Interoperability	Windows, Unix, Linux, Novell and MAC
Interface Support	iSCSI, FC, CIFS, NFS, HTTP, FTP, SMB, AD, LDAP, NIS

Data Protection and Reliability

Hot swap HDD	True Hot Swap
RAID	RAID 0, 1, 5, 6, 10, 50 and 60
Online Volume Expansion	Yes
SnapBack / SnapQuick	Yes
Volume Cloning	Yes
Redundant Cooling Fans	3 hot swappable
Redundant Power Supply	2 hot swappable
UPS and Environmental Support	Yes
Client Backup Software	Yes
NAS Server Backup Software	Included for USB attachment (tape optional)
Block based Data De-duplication	Optional
Dyanmic Thin Provisioning	Optional
Data Mirroring	Optional
Redundant OS	Optional
Performance Enhancing SSD	Optional
Clustering (Act.-Act. / Act.-Pass.)	Optional
FileLock (WORM NAS)	Optional
Real Time Volume Encryption	Optional

Management

Remote Management	Yes
Active Directory Services	Yes
Network Discovery Tool	Yes



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