



**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.

**3Gen Local and Network RAID with the most powerful RAID Engine on earth!**

Dual Intel Xeon CPUs with speedy DPP RAID rebuild up to 5TB per hour

**Upgradeable to 24 - 8Gb/16Gb FC ports and 10Gb/25Gb Ethernet ports**

Standard with 2 independent Gb Ethernet ports

**Performance that meet and exceed your applications demands**

Outstanding file-based and transaction based performance with high bandwidth, 64-bit architecture, and the latest I/O technologies.

**Storage Gateway option, supports up to 1000 Storage nodes and each node supports 750 HDDs**

Buy what you need today and grow when you need it in the future

**High Performance 12Gb SAS Chassis**

Eliminate data congestion with the latest SAS technology

**Speedy Natural Disaster Recovery via Global Clustering and Remote Volume Mirroring**

Mirror critical data to local and remote locations via FC and 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

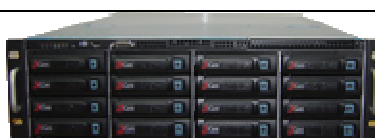
## Storage Sharing and Access Control

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.





# Data specifications



**IntelliNAS V9040Pro , V9060Pro, V9080Pro, V9120Pro, V9160Pro,  
V9120ProDC (Dual Nodes) and V9240Pro (4 nodes)  
( 2U, 3U and 4U)**

## Configuration

Operating System	3GenOS 64bit
CPU(s)	Dual Xeon E5-2603 v4 standard and Xeon Scalable CPU optional
Memory	16GB ECC DDR4 Memory (up to 2TB)
Hard Drive Interface	Serial ATA III , SAS and NVMe – 750 HDDs with optional JBOD
Maximum storage capacity	9000TB per node (with 12TB HDD)

## Connectivity

10/100/1000 Ethernet Ports	2 Auto-sensing (Up to 24)
8Gb/16Gb FC & 10Gb/25Gb Eth.	Optional (Up to 24 with V9080Pro, V9120Pro and V9160Pro)
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, HDFS and S3/Openstack

## Data Protection and Reliability

Hot swap HDD	True Hot Swap
RAID	Local and Network RAID 0, 1, 5, 6, 10, 50, 60 and DPP
Volume Expansion / Contraction	Yes
SnapBack / SnapQuick	Yes
Volume Cloning	Yes
Redundant Fans and Power Supply	Yes
UPS and Environmental Support	Yes
Storage Gateway	Optional (up to 1000 storage nodes and HA up to 5 nodes failure)
vServer (Hyper-Convergence)	Optional
Block based Data De-duplication	Optional
Dyanmic Thin Provisioning	Optional
Data Mirroring	Optional
Redundant OS	Optional
Performance SSD Caching	Optional
Active / Active Clustering	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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