



**SAN Storage Gateway**  
**IntelliSAN V9080Gateway**

- ◆ **Specialized SAN Storage Gateway model to achieve maximum connectivity and performance**  
Dual Xeon Quad Core with 6GB Dedicated ECC DDR3 Memory and 10 PCI-Express slots to support up to 40 FC ports and/or 10Gb Ethernet ports
- ◆ **The most powerful RAID Engine on earth with Optional Xeon 5506 CPU!**  
Dual Xeon Quad Core E5506 or 6 Core Xeon 5650 with 3GB 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.
- ◆ **Comprehensive software suite**  
Designed to provide robust system management , cloning services, virtualization technologies and disaster recovery and backup capabilities across all SAN resources.
- ◆ **Heterogeneous unified storage environment**  
Integrated architecture to support concurrent block I/O and file serving over Ethernet and Fibre Channel SAN infrastructures, helping to optimize investment protection and ROI.
- ◆ **Storage consolidation**  
Designed to enable organizations to consolidate UNIX, Linux, Windows and Web Workloads with existing SAN storage
- ◆ **Centralized Network Server Backup software included as standard**  
3GenBackup included as standard to protect your valuable data. No need to purchase expensive separate server backup software.



**Storage Consolidation with unbeatable ROI**

A critical IT management challenge is to optimize the user of existing storage to improve efficiency and return on investment (ROI) while continuing to support different access methods for different business solutions throughout the enterprise. 3Gen V9080Gateway is a network based unified storage solution designed to provide Internet Protocol (IP) and Fibre Channel (FC) protocol access to SAN-attached heterogeneous storage arrays. By including gateway feature code on 3GenOS, V9080Gateway can help you to make the most of the dynamic provisioning capabilities of 3GenOS software.

**High Availability and Advanced Data Protection**

IntelliSAN V9080Gateway features field proven RAID technology that supports RAID levels 0, 1, 5, 6, 10, 50 and 60 protections. All systems include hot swap technology and block level volume cloning software for maximum data protection. By connecting with another V9080Gateway remotely via Gb Ethernet ports, backup and restore can be accomplished via our automated asynchronous remote mirroring. V9080Gateway provides SnapBack technology to help reduce backup time to minutes; SnapQuick enables recovery of point-in-time data, also in minutes. Furthermore, a full suite of optional enterprise software such as clustering (Active-Active and Active-Passive), WORM, real time volume encryption and remote synchronous and asynchronous data mirroring are available to protect your data.

**High Usability**

IntelliSAN V9080Gateway 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 V9080Gateway product that is based on industrial proven 3GenOS 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 IntelliSAN V9080Gateway system, 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. IntelliSAN V9080Gateway makes this possible by providing native support of the iSCSI, FC, NFS and CIFS storage protocols.



The next generation of business machines



## Data specifications



### IntelliSAN V9080Gateway ( 3U )

### Configuration

Operating System	3GenOS with Gateway Feature
CPU(s)	Dual Xeon Quad Core E5506
Memory	6GB ECC DDRIII up to 192 GB or more
Hard Drive Interface	4 Serial ATA II or SAS HDDs
Maximum storage capacity	Up to 20,480 PB

### Connectivity

10/100/1000 Ethernet Ports	4 Auto-sensing (Up to 8 )
4Gb/8Gb FC & 10Gb Ethernet	Optional
NIC Teaming	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
Local 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)
Asynchronous Mirroring	Yes
Data De-Duplication	Yes
Redundant OS	Optional
Performance Enhancing SSD	Optional
Clustering Failover	Optional
FileLock (WORM NAS)	Optional
Real Time Volume Encryption	Optional

### Management

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



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