♦ **Performance that meet and exceed your application demand**
  Data rate up to 1,300MB per system

♦ **Dual controllers for active-active workload and failover protection**
  Ensure the data is available for all critical applications.

♦ **Impressive scalability to meet your diverse business needs**
  Field upgradeable to 110 SAS or SATA HDDs and 220 Terabytes.

♦ **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.

♦ **Enterprise level of data protection**
  In addition to field proven RAID technology with RAID 0, 1, 5, 6 and 10 to protect against data loss and system downtime, snapshot available for backup and disaster recovery.

♦ **High System and Application Availability**
  All major components (HDDs, cooling fans and power supply are hot swappable.

♦ **Real time auto volume rebuilding and on-line volume migration with no system down-time**
  Minimize all unnecessary downtime to maximum data storage availability

♦ **Centralized Management for all your storage needs**
  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

IntelliSAN V9080 Network Storage Subsystem is an affordable SAN solution for all businesses. With SAS platform, IntelliSAN V9080 can provide up to 110 HDD slots and can support up to 1024 LUNs. Each storage volume can support sharing among 1024 hosts simultaneously. Build-in cascade function on each port, allows SAN environment to be easily built with less effort. IntelliSAN is truly sophisticated, fully integrated storage solution with a price significantly less than competitive offerings.

High Availability and Advanced Data Protection

IntelliSAN V9080 reliability is second to none.   In addition to dual active-active controller workload balancing and failover, it features field proven RAID technology that supports RAID levels 0, 1, 5 and 6 protections. All systems include hot swap technology, which allows the HDD to be easily replaced and installed. Simultaneous online volume capacity expansion and RAID level migration is available in all rackmount models.

High Usability

IntelliSAN V9080 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 IntelliSAN V9000 series that are based on industrial proven 3Gen software 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 all businesses.

Storage Sharing and Access Control

IntelliSAN V9080 is highly efficient. Not only can one storage volume can be shared by 1024 hosts, but by sharing the virtualized central storage among all servers, maximum ROI on disk utilization can be achieved.

D a t a   s p e c i f i c a t i o n s

IntelliSAN V9080 (3U)

C o n f i g u r a t i o n

CPU(s)	RISC AMCC 440SPe
Memory	2GB up to 4GB per controller
Controller	Dual Active-Active Controllers
Hard Drive Interface	SATA II or SAS
	110 disks with optional SAS JBOD
Maximum storage capacity	220TB with 2TB per disk
Host Interface	2 X 4Gb FC ports per controller
Management port	10/100/1000 Mb Ethernet, RS232

P e r f o r m a n c e

Bandwidth	1,300 MB/s per system
IOPs	200,000 per system

D a t a   P r o t e c t i o n   a n d   R e l i a b i l i t y

Hot swap HDD	True Hot Swap
Logical Volumes (LUNs)	1024
RAID	RAID 0, 1, 5, 6 and 10
RAID Roaming	Yes
Online Volume Expansion	Yes
Dynamic I/O load balancing	Yes
I/O path failover	Yes
Global and Local Hot Spare	Yes
Redundant Cooling Fans	Yes
Redundant Power Supply	Yes
Disk Monitoring / SMART	Yes
UPS Support	Yes
Environmental Monitor	Yes
Remote Management	Yes

E n v i r o n m e n t a l

Power Supply	500W dual redundant, hot swappable
Cooling module	Dual redundant, hot swappable
Temperature	Operating : 5 C to 45 C
	Non-operating: -25 C to 60 C
Relative Humidity	20% to 80% non-condensing

>> The next generation of business machines