



Hyper-Convergence V-Server Pro



Consolidate Server, Desktop, Application and Storage into one appliance with 3X TCO savings.

The need to manage large amounts of virtualized environments while minimizing storage footprint has never been greater. VServer Solution enables accelerated, non-disruptive VM deployments without sacrificing storage and application needs within a single unified architecture.

Multi-Node fuss-free scalability

Multi-nodes Solution is a purpose-built and self-tuned enterprise-ready solution with automated load balancing and redundant hardware to ensure continuous, uninterrupted operation. Employing distributed block system to make sure the data is available locally and on the failover node.

Simple to use and manage

VServer Pro Solution is a purpose-built and self-tuned enterprise-ready solution with automated load balancing and redundant hardware to ensure continuous, uninterrupted operation.

Efficiency for the entire data lifecycle

VServer Pro achieves 50 to 1 data efficiency while simultaneously increasing application performance by de-duplicating, compressing and optimizing all data inline, in real time, at inception, once and forever across all stages of the data lifecycle.

5X faster performance than other competitive products

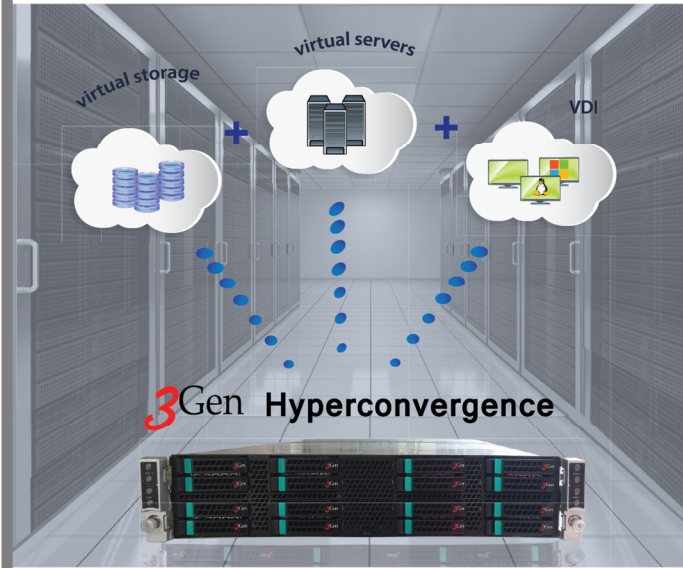
Outstanding file-based and transaction-based performance with high bandwidth, 64-bit architecture and the latest I/O technologies.

Lock tight security for all IT data and assets

Best in class security incorporated into every step of the product lifecycle from development to deployment and operation

Speedy Disaster Recovery via Global Clustering and Remote Volume Mirroring

Capable of mirroring critical data to local and remote locations with FC and / or



High Value with Unbeatable ROI

Today's data centers demand innovation and increasingly flawless execution in all virtualized environments. 3Gen VServer Pro is capable of handling application, server, desktop and storage tasks within a single footprint. Packed with enterprise features and protected with a 3 year warranty. VServer Pro delivers integrated desktop/server provisioning, lowers cost of deploying new applications and improves data integrity via 3Gen's advanced High Availability technology.

High Availability and Advanced Data Protection

VServer Pro Solution delivers an enterprise cloud platform that converges server, desktop, storage and virtualization into a resilient, software-defined solution that powers mission-critical workloads at any scale. All systems include hot swap technology and block level volume cloning software for maximum data protection. 3Gen VServer provides automatic backup/restore with file level asynchronous remote data mirroring and block level Sync/aSync volume mirroring. Effortlessly optimize security and capacity with a full suite of enterprise software such as multi-node Active-Active Global Clustering, distributed block system to send data to other node for failover protection, real-time Volume Encryption, dynamic Thin Provisioning and block level data de-duplication (with 70% capacity savings). 50% power and cooling savings over systems requiring physical servers and physical SANs and/or NAS storage devices enables data centers achieve an even lower carbon footprint.

High Usability

VServer Pro has a web based interface can be installed in just 15 minutes with plug-and-play network. IT administrators can finally eliminate stranded storage with 3Gen Thin Provisioning. Preserving investment in staff expertise and capital equipment is easy because with 3Gen's virtualized computing solution, data centers can reduce infrastructure costs and administrative support of physical servers and desktops to just one platform.

High Standardization and Security

A loss of a device no longer means a catastrophic data loss because VServer Pro has a centralized computing format that provides consistent standards and security across all applications, desktops and servers as well as facilitates remote office support and rollout of applications

>> *The Next Generation of Business Machines*



Hyper-Convergence
V-Server Pro



Data specifications



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

Configuration

Operating System	3GenOS 64bit
CPU(s)	Intel Xeon Scalable CPUs
Memory	Up to 2TB per node
Internal Storage Interface	Serial ATA III, SAS and NVMe

VServer

Client OS (VM) creation, snapshot, cloning and recovery	Yes
Resource scheduling	Yes
HBA FC and 10Gb pass-thru	Yes
HBA Graphic card and USB pass-thru	Yes
Create and upload client OS	Yes
Live Migration of client OS	Yes
Multi-node Active-Active Cluster	Optional
Client OS High Availability (HA)	Optional
Client OS Fault Tolerance (FT)	Optional
Remote Disaster Recovery (DR)	Optional

Data Protection and Reliability

Hot swap HDD	True Hot Swap
RAID	RAID 0, 1, 5, 6, 10, 50 and 60
Online Volume Modification	Yes
SnapBack / SnapQuick	Yes
Volume Cloning	Yes
Redundant Cooling Fans and Power Supply	Yes
UPS and Environmental Support	Yes
Storage Gateway	Optional
Auto-Tiering	Optional
Block level Data De-duplication	Optional
Dyanmic Thin Provisioning	Optional
Data Mirroring	Optional
Redundant OS	Optional
Performance Enhancing SSD	Optional
Clustering (Act.-Act. / Act.-Pass.)	Optional
Real Time Volume Encryption	Optional

USA
120 Lake Village Drive, Suite
101
Ann Arbor, MI 48103
Tel: (415) 639-5394

INDIA
B-23, 1st Floor, DDA Sheds,
Okhla Industrial Area,
Phase-II, New Delhi-110020
Tel:91-97161-49573

JAPAN
City Plaza Shinjuku 603
2-5-20 Okubu, Shinjuku-ku
Tokyo 169-0072
Tel/Fax: 81-3-3205-6390

TAIWAN
Lane 298, 8 Xinming Road,
2nd Fl.
Nei Hu Dist., Taipei, Taiwan
Tel: 02-2791-2650

KOREA
6F, Korea Housing Center
45-11 Yeouido-dong,
Yeongdeungpo-ku,
Seoul, 150-736 Korea
Tel: 82-2-786-2204