



Gridstore's Hyper-Converged Infrastructure

Purpose-Built for the Microsoft Cloud-Inspired Data Center

Gridstore™ is the leader in HyperConverged All-Flash Infrastructure for the Microsoft Cloud-Inspired Data Center. Our customers gain a 10X performance improvement over traditional storage as we put all-flash as close to the workload as possible. Customers realize 4X lower TCO by consolidation of three layers of infrastructure into one scalable layer built on X86 hardware, and 10X less management effort due to fewer management points and less infrastructure to manage. Gridstore's strength and unique value resides in our intelligent patented software whose architecture delivers predictable high performance to all workloads, native Windows integration, true quality of service, and elastic and independent scaling of resources.

Gridstore Hyper-Converged Infrastructure

Includes:

■ HyperConverged Appliances

Gridstore's single system includes both compute and storage. Each appliance has up to four compute/storage nodes, and can be expanded with additional Appliances and/or Storage Nodes, up to 256 total nodes.

■ Storage Nodes

Gridstore offers both All-Flash and Hybrid Storage Nodes that can be deployed with HyperConverged Appliances or stand alone.

■ Windows Servers

Any Microsoft Windows Servers with or without Hyper-V, to which are added the Gridstore vController, a software driver that interfaces with Gridstore Storage Nodes and provides simple management and end-to-end control of I/O from server to storage, eliminating the "I/O blender effect" and allowing performance to scale linearly with capacity.

Use Cases

HyperConverged Appliance






- VDI (Virtual Desktop Infrastructure)
- Hyper-V / Cloud in a box
- ROBO (Remote Office / Branch Office)

All-Flash Storage Node

- Databases
- High-performance applications

Hybrid Storage Node

- Exchange or SQL databases
- Mixed workloads
- Backup or DR

				
Native Hyper-V Integration	End to End I/O Control per VM (QoS)	Efficient Elastic Scaling	End-to-End All-Flash Architecture	Independent Scaling
Fastest I/O and least resource use	Predictable performance per VM	50% lower infrastructure cost and TCO	Affordable all-flash performance	Scale to fit your needs

Gridstore's hyper-converged infrastructure is the fastest way to build the most powerful and scalable Microsoft Cloud-Inspired Data Center



What Makes Gridstore Different

Feature	Benefit
<p>Native Hyper-V Integration</p> <p>Gridstore is the only solution that offers native Windows integration. Gridstore vController is a software driver that installs at the Windows kernel level.</p>	<p>Fastest I/O and Least Resource Use</p> <p>No guest-VM complexity. Tightest integration possible with Windows for high performance with minimal resource use.</p>
<p>End-to-End I/O Control per VM</p> <p>Granular visibility and control with QoS per-VM enables precision I/O for each VM based on user-defined priority.</p>	<p>Predictable Performance per VM</p> <p>Only Gridstore delivers end-to-end per-VM I/O control. No more noisy neighbors, always top performance for the most critical VMs.</p>
<p>Efficient Elastic Scaling</p> <p>Gridstore has eliminated the need for three-way replicas, improving efficiency and eliminating waste. Gridstore stripes data across storage nodes and uses advanced data protection. Scale up to 250 nodes.</p>	<p>50% Lower TCO</p> <p>Gridstore allows you to pay as you grow. Our design delivers 50% lower TCO through eliminating replicas. With up to 250 nodes per pool, performance continues to increase linearly as you add nodes.</p>
<p>End-to-End All-Flash Architecture</p> <p>Gridstore is architected for end-to-end flash performance. Using flash for both read and write cache.</p>	<p>Flash Performance</p> <p>Ultimate performance for your most demanding applications.</p>
<p>Independent Scaling</p> <p>Add more HyperConverged Appliances, or Windows servers, or Storage Nodes.</p>	<p>Scale to Fit Your Needs</p> <p>With Gridstore, unlike other hyper-converged vendors, you can scale compute and storage together OR you can scale them independently. Maximum flexibility to fit into your existing environment or as a standalone solution.</p>

Gridstore Warranty

Gridstore hardware products come with a 3-year limited hardware warranty. Gridstore may offer different delivery methods for warranty service, including but not limited to parts and product dispatches and mail-in service. Base-level warranty service is mail-in, which can be changed based on support and service contracts purchased by the customer.

Gridstore Support

Gridstore offers a variety of support options, including 24x7x365 worldwide support. Visit www.gridstore.com/support for details.

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