



Key Features

- Scale-Out High Availability w/failover clustering
- Active/Active or Active/Passive HA Configuration
- Up to 48TB in a single storage enclosure
- Dual server node with 70-bay clustered storage
 - Dual Intel Xeon E5 Processors per node
 - Up to 256GB memory per node
 - Dual 2.5" OS drive bays per node
 - Integrated 3 PCI-e 3.0 x8 slot per node

The DataON Storage 70/70 CiB is the hardware platform designed from the ground-up with HA-clustering for Windows Server 2012 Storage Spaces in mind.

The DataON 70/70 delivers an extreme high-capacity shared storage solution that fuses the density of a 70-bay JBOD with the performance and uptime security of a dual server node failover cluster into a single 4U enclosure. The DataON 70/70 provides the hardware reliability to leverage the clustering and resiliency nature of Storage Spaces to deliver up to 280TB of shared storage.

This groundbreaking suite of products is intended to redefine the storage industry by fusing unprecedented server node High Availability (HA) and unparalleled storage density with the freedom to escape the clutches of legacy storage platforms.

The DataON Storage CiB hardware platform is designed from the ground-up with HA-clustering for Software-defined Storage in mind. Software technologies such as Windows Server 2012 w/Storage Spaces, ZFS-based file systems like NexentaStor, distributed file systems like Hadoop, or scale-out file systems like Sanbolic and Gluster whom now have a clustered HA failover platform to develop and architect massively scalable Big Data and Private Cloud deployments.

The DNS-9470 Cluster-in-a-Box fully populated with 280TB and amply configured server nodes with Windows Server 2012 will fetch a street price of roughly \$59,950, that's about \$0.21/GB of HA clustered storage.



4U 70-bay 3.5" hot-plug drive



Redundant (2+2) PSU up to 1200W

Enclosure

Form Factor	4U rackmount chassis
Top Bay	70 x 3.5" for 3.5"/2.5" HDD/SSD drive
Rear Bay	2 x server cluster node bay and 4 x power module
Backplane	Seven 10-port SAS/SATA I/O plane
Cooling Fan	12 x redundant fan
Power Supply	4 x 1200W (2+2) high efficiency redundant PSU

Dimension

W x D x H	17" x 35.5" x 7"
Weight	95lbs - enclosure only

Cluster Server Node

Module Number	CN-470
Processor	Intel® Xeon® E5-2600 family
Chipset	Intel® C602
Memory Slot	16 x DDR3 DIMM, up to 256GB
Expansion Slot	3 x PCI-e Gen.3 x8
Network	2 x Intel® 82599 10GbE RJ45 ports On-board per node
Management	1 x dedicated 10/100 RJ45 management port per node
Node Interconnection	Intel® I350AM2
OS Drive	2 x 2.5" internal SAS/SATA mirrored per node

For More information and sales offer, please visit DataON Storage website at: www.dataonstroage.com/dns-9470

DataON is Storage Division of ADS