

Windows  
Server  
2016

Certified



## Features:

- ! **Windows-based storage solution** – Reduces complexity and cost from deploying a traditional SAN backup.
- ! **Supports a “start small, grow big” strategy** – Connects to HBAs for scalable storage.
- ! **Cost-effective alternative** – Managed by a RAID controller or a HBA in the primary server, it delivers outstanding low dollar-per-GB costs for cold, warm and even hot storage workloads.
- ! **Energy efficient** – Leverages high-efficiency power to maximize performance-per-watt savings to reduce TCO.

## DataON DNS Storage Enclosures for Windows Server 2016

DataON DNS storage enclosures are designed to help you meet the needs of continuing data growth. They allow you to expand and scale your storage capacity beyond the server, maximizing storage density, performance, and power efficiency.

DataON enclosures support a “start small grow big” strategy by enabling users to connect to HBAs for scalable storage. Managed by a RAID controller or a HBA in the primary server, they give IT administrators a cost-effective alternative, allowing you to quickly respond to your demanding storage requirements.

DataON DNS enclosures can be deployed into green field or expansion of existing highly available scale-out clusters.

## DataON DNS-2608 Storage Enclosures for Windows Server 2016

As part of a Windows-based storage solution, the DNS-2608 helps to reduce complexity and cost from deploying a traditional SAN backup. Using a virtualized environment provides greater flexibility and scalability as your backup storage needs grow.

Tailored to withstand storage capacity demands in a hyper-scale data center, the DNS-2608 provides exceptionally high storage density while delivering outstanding low dollar-per-GB costs for cold, warm and even hot storage workloads. It also leverages high-efficiency power to maximize performance-per-watt savings to reduce TCO.

The DNS-2608 supports 2.5” 12Gbs/s SAS HDDs or SSDs in a 32-bay, 4U chassis. It is also equipped with redundant hot swap drive bays and power and cooling modules. It has single and dual I/O controllers for redundant and maximum availability, supporting up to 4800 MB/sec bandwidth per I/O controller.

The DNS-2608 is designed and optimized for Microsoft storage tiering for performance and capacity. It is certified by Microsoft to seamlessly deploy with Microsoft Server 2016.

Form Factor	4U Rackmount chassis; 32 bays; passive backplane
Drive Support	12Gb/s SAS 3.0 HDD and SSD
Drive Form Factor	(24) 3.5"/2.5" Hot-swappable 12Gb SAS drive tray with front access (8) 2.5" Hot-swappable 12Gb SAS drive tray
I/O Controller	Dual redundant 12Gb/s SAS 3.0 controller module
Host Interface	Four 12Gb/s mini-SAS HD host ports (SFF-8644)
SAS Expander	PMC Sierra PM8055 SXP 48-port 12Gb/s SAS expander
Controller Support	12GB/s HBAs and host-based RAID controller cards with external connectivity
Server Host Support	Supports up to six servers/hosts with six host interfaces
Disk Drives	32-bay hot-swappable
Enclosure Cooling	2x 60mm fan for system; 2x 40mm fan for SSD module
Power Supply	Dual redundant power supplies; 2x 500W Platinum 110/220V AC
Drive Zoning	1x24, 2x12, and 3x8 split-bus zoning via firmware
LED Indicators	Identify enclosure, identify drive, power on & activity, hot space, drive rebuild, drive fault, system power, I/O module status
Dimensions (W x D x H)	7.56" H x 17.6" W x 21.13" D
Weight	Enclosure only: 46.3 lbs.
Failure Notifications	SCSI Enclosure Services (SES-3) over in-brand & LEDs
Management Firmware	Supports SCSI Enclosure Services (SES-3) IPMI RJ45 Remote management
Operational Environment	Operating temperature: 0° C to 40° C (32° F to 104° F) Non-operating temperature: -40° C to 65° C (-40° F to 149° F) Operating relative humidity: 20% to 85% RH Non-operating humidity: 10% to 90% RH
Certifications	Microsoft Windows Server 2012 R2 Storage Spaces Microsoft Windows Server 2016 Storage Spaces compatibility
Optional Storage Spaces Support	Configuration, optimization, pre- and post-deployment support OOBE (Out-of-the-box experience) PowerShell automation tool
Safety Standards	CE Mark, EN55022/EN61000 Class A, FCC Class A, VCCI Class A UL 60950 CSA 22.2-950, IEC 60950, EN60950



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## About DataON

DataON is the industry-leading provider of hyper-converged cluster appliances (HCCA) and storage systems optimized for Microsoft Windows Server environments. Our solutions are built with the single purpose of rapidly and seamlessly deploying Microsoft applications, virtualization, data protection, and hybrid cloud services. Our company is exclusively focused on customers who have made the "Microsoft choice" and we provide the ultimate platform for the Microsoft software-defined data center (SDDC). DataON is a division of Area Electronics Systems, Inc.