



Windows Server Software Defined Solutions

DataON S2D-5224i

The DataON S2D-5224i hyper-converged cluster appliance provides scale-out and scale-up infrastructure and management services for deploying Microsoft Windows Server 2016. Optimized for IOPS and performance, this all-NVMe or all-flash solution with Intel® NVMe SSDs can achieve over 3.2M IOPS in a 4-node cluster. The S2D-5224i solution has been tested and certified to be part of the Windows Server Software-Defined (WSSD) program.

The DataON Difference

DataON is exclusively focused on customers who have made the “Microsoft choice” to deploy a Windows Server-based storage solution. Our team of Microsoft Server experts know how to design, deploy and support Windows Server storage and will work with you to performance tune your workloads. DataON storage solutions are:

- Certified for Windows Server 2012 R2, 2016 SDDC and WSSD
- Customer-proven with over 600 enterprise installations and 120PB of DataON Storage Spaces Direct storage deployments
- Optimized by our team of Microsoft experts to ensure successful deployments into your IT environment, tuned to your workloads

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www.dataonstorage.com/WSSD

DataON is a gold member of the Microsoft Enterprise Cloud Alliance, a Microsoft Cloud Partner, and delivers certified platforms for Microsoft Storage Spaces and Storage Spaces Direct.

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).

Designed for Storage Spaces Direct

The DataON S2D-5224i is built to optimize the full stack of Microsoft Storage Spaces Direct in a hyper-converged platform. This appliance is built with integrated compute, network and storage infrastructure with near-linear scalability to simplify and maximize the deployment of Microsoft applications, virtualization, data protection and hybrid cloud services. A pre-configured 4-node cluster is capable of supporting 40 Hyper-V VMs per node with expanded capacity and operational flexibility.

Orderable BOM	DataON S2D-5224i		
Scale	4-16 Nodes per cluster		
Form Factor	2U 1-Node		
Security	TPM 2.0		
CPU	Intel® Xeon® Scalable Processor with Intel C620 Chipsets		
Memory	128GB – 1.5TB / DDR4 DIMMs		
RDMA	10/40/100GbE iWARP/RoCE v2		
NIC	Mellanox ConnectX-4 Pro RDMA NICs		
Drives (Per Node)	Type	Qty.	Size
Cache	Intel NVMe SSDs	2	1.6TB
Capacity	SATA SSDs	4-20	1.9TB or 3.8TB

dataON MUST™ Visibility and Management



Managed by MUST™

DataON S2D solutions are integrated with DataON's exclusive MUST visibility and management tool. MUST provides SAN-like storage monitoring features for customers deploying Windows Server Software-Defined Solutions. DataON is the first to market with a management tool that provides monitoring for your Windows storage deployments.

Contact DataON

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