

### Highlights

- **Optimized for Windows Server 2016 Storage Spaces Direct** — Storage Spaces Direct delivers industry-leading performance for the most affordable price, providing software-defined, shared-nothing storage. It can be used for hyper-converged deployments, simplifying configuration and reducing hardware costs. Scalable to up to 16 servers and over 400 drives.
- **Windows Server Software-Defined (WSSD) Certification** — Follows Microsoft’s requirements and best practices to ensure seamless deployments and steady-state operational experience on validated hardware.
- **High Performance** — Utilizes all-flash Intel® Optane™ or NVMe SSDs to achieve over 3.2M IOPS in a 4-node cluster.

### Technology

- **Intel® Xeon® Scalable Processors with Intel C620 Series Chipsets** — Provides greater VM density per cluster, delivering up to 28 cores per socket, 18 DIMMs per CPU memory density, and 224 physical cores.
- **Intel® Optane™ SSD Cache Tier (select models)** — Provides breakthrough performance and dramatically reduced disk latency with 30% greater IOPS performance for write-intensive workloads.
- **Storage and Networking with SMB3 over RDMA** — Increases CPU efficiency while delivering the lowest latency and 2x throughput versus TCP/IP.

### MUST Visibility & Management Tool

- Provides SAN-like storage monitoring features for Windows Server software-defined environments, leveraging the Windows Health Service API.
- Displays dashboard-level metrics of your cluster through a single pane of glass, with operational visibility of system analytics, infrastructure health management, storage system metrics, and event logging insights.
- Sends system alerts and automated e-mail notifications for hardware failures, configuration issues and resource saturation.



	S2D-5208i*	S2D-5212i	S2D-5224i	S2D-5240i
<b>Form Factor</b>	2U / 1-Node Rack with 8x 2.5" Bays	2U / 1-Node Rack with 12x 3.5" Bays	2U / 1-Node Rack with 24x 2.5" Bays	2U / 4-Node Rack with 24x 2.5" Bays
<b>Drive Config 1</b>	4x NVMe U.2 + 24/60-Bay Ext. JBOD	2x NVMe U.2 + 10x SAS/SATA	24x NVMe U.2	8x NVMe U.2 + 16x SAS/SATA
<b>Drive Config 2</b>	24/60-Bay External JBOD	—	4x NVMe U.2 + 20x SAS/SATA	—
<b>Scalability</b>	4 to 16 Nodes per Cluster			
<b>Processor</b>	Intel® Xeon® Scalable Processor with Intel C620 Chipsets			
<b>CPU Cores</b>	Dual Socket, 16 to 44 Cores Per Node			
<b>Memory / Slots</b>	128GB to 1.5TB DDR4 DIMMs 24 slots	128GB to 1.5TB DDR4 DIMMs 24 slots	128GB to 1.5TB per DDR4 DIMMs 24 slots	128GB to 1.0TB per DDR4 DIMMs 16 slots
<b>Cache Tier</b>	Intel Optane™ or NVMe SSDs			
<b>Capacity Tier</b>	SAS HDDs (in external JBOD)	SATA SSDs & SAS HDDs	NVMe or SATA SSDs	SATA SSDs
<b>PCIe 3.0 Slots</b>	6x PCIe 3.0 x8	6x PCIe 3.0 x8	6x PCIe 3.0 x8	1x PCIe 3.0 x16
<b>Onboard NIC</b>	2x 10GbE RJ45			
<b>Networking</b>	2x 10GbE SFP+ or 2x 40/100GbE RDMA QSFP			
<b>Security</b>	TPM 2.0			
<b>Max. TDP / Power Supplies</b>	165W Dual 1300W	140W Dual 1300W	140W Dual 1300W	140W 2130W

For more information about the products listed, contact: [dataon\\_sales@dataonstorage.com](mailto:dataon_sales@dataonstorage.com)

\*Connects to JBOD for capacity tier.