DataON Kepler 2-Node (K2N) Hyper-Converged Appliances
Quick Reference Guide

Highlights

- **Affordable solution for SMB, ROBO and Edge** — Complete 2-node hyper-converged appliance that can be deployed in less than 15 minutes, for under $30K.
- **Validated Microsoft Azure Stack HCI solution** — Designed to help customers expand from on-premises to the cloud for a hybrid cloud approach. Consolidate virtualized workloads and gain cloud efficiencies on-prem, without lengthy design & build times.
- **Optimized for Windows Server 2016/2019 Storage Spaces Direct** — Delivers industry-leading performance, simplifies configurations, and reduces hardware costs.

**MUST Visibility & Management Tool**

- Provides SAN-like storage monitoring features for Windows Server software-defined environments.
- 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.
- Can be used through its standalone console or within Windows Admin Center, adding historical data reporting, disk mapping, system alerts, and call home support.

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### DataON K2N-47 G2
- **Profile**: All-Flash
- **Form Factor**: Mini Tower
- **Drive Bay Configuration**: 2x 2.5" & 4x 3.5" SATA
- **Scalability**: 2 Nodes per cluster
- **Processor**: 1x Intel® Xeon® E3-2126G 3.3GHz/node
- **CPU Cores**: 6 Cores per node
- **Memory**: 64GB to 128GB DDR4 per node
- **Boot Drive**: 2x 240GB Intel® NVMe M.2
- **Cache Tier** — Intel® Optane™ or NVMe SSDs
- **Capacity Tier**: SATA SSDs
- **PCIe 3.0 Slots**: 2x PCIe 3.0 x8
- **Onboard NIC**: 4x 1GbE RJ45
- **Networking**: 1x Intel® Thunderbolt™ 3 or 1x 25GbE
- **Max. TDP / Power Supply**: 80W / 250W

### DataON K2N-108
- **Profile**: All-NVMe
- **Form Factor**: 1U / 2-Node Rack; 8x 2.5" Bays
- **Drive Bay Configuration**: 8x NVMe U.2
- **Scalability**: 2 Nodes per cluster
- **Processor**: 2nd Generation Intel® Xeon® Scalable Processor
- **CPU Cores**: 16 to 56 Cores per node
- **Memory**: 128GB to 3TB per node DDR4 DIMMs / 24 slots
- **Boot Drive**: 2x NVMe U.2 + 10x SAS/SATA
- **Cache Tier** — Intel® Optane™ or NVMe SSDs
- **Capacity Tier**: Intel® NVMe SSDs
- **PCIe 3.0 Slots**: 2x PCIe 3.0 x16
- **Onboard NIC**: 2x 10GbE RJ45 & 2x 10GbE SFP+
- **Networking**: 2x 10GbE RJ45 or 1x 10GbE SFP+
- **Max. TDP / Power Supply**: 165W / Dual 1100W

### DataON K2N-212
- **Profile**: Hybrid
- **Form Factor**: 2U / 1-Node Rack; 12x 3.5" Bays
- **Drive Bay Configuration**: 2x NVMe U.2 + 10x SAS/SATA
- **Scalability**: 2 Nodes per cluster
- **Processor**: 2nd Generation Intel® Xeon® Scalable Processor
- **CPU Cores**: 16 to 56 Cores per node
- **Memory**: 128GB to 3TB per node DDR4 DIMMs / 24 slots
- **Boot Drive**: 2x NVMe U.2 + 10x SAS/SATA
- **Cache Tier** — Intel® Optane™ or NVMe SSDs
- **Capacity Tier**: SATA SSDs & SAS HDDs
- **PCIe 3.0 Slots**: 7x PCIe 3.0 x8
- **Onboard NIC**: 2x 10GbE RJ45
- **Networking**: 2x 10/25GbE SFP+ or 2x 40/100GbE RDMA QSFP
- **Max. TDP / Power Supply**: 140W / Dual 1300W

### DataON K2N-224
- **Profile**: All-NVMe
- **Form Factor**: 2U / 1-Node Rack; 24x 2.5" Bays
- **Drive Bay Configuration**: 24x NVMe U.2
- **Scalability**: 2 Nodes per cluster
- **Processor**: 2nd Generation Intel® Xeon® Scalable Processor
- **CPU Cores**: 16 to 56 Cores per node
- **Memory**: 128GB to 3TB per node DDR4 DIMMs / 24 slots
- **Boot Drive**: 24x NVMe U.2
- **Cache Tier** — Intel® Optane™ or NVMe SSDs
- **Capacity Tier**: Intel® NVMe SSDs & SAS HDDs
- **PCIe 3.0 Slots**: 7x PCIe 3.0 x8
- **Onboard NIC**: 2x 10GbE RJ45
- **Networking**: 2x 10/25GbE SFP+ or 2x 40/100GbE RDMA QSFP
- **Max. TDP / Power Supply**: 140W / Dual 1300W

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