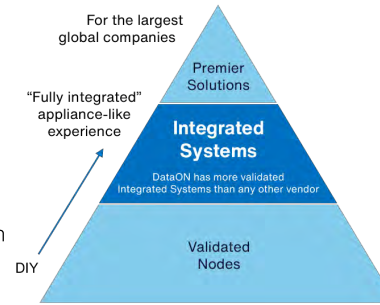


Highlights

- **A hyper-converged infrastructure operating system** – Azure Local is hybrid by design with support for Azure Virtual Desktop, Azure Kubernetes Service, and more. It's always-up-to-date HCI delivered as a service with tight integration with Arc for a cloud-like experience for provisioning, management, and monitoring for Azure Local in hybrid environments.
- **Everything is included** – [DataON Integrated Systems](#) provide a premium, complete, and turnkey experience, including software, hardware, monitoring & management, Lifecycle Manager, Azure services, and service & support from DataON and Microsoft.
- **DataON MUST and MUST Pro** – MUST extends the functionality of Windows Admin Center with a centralized dashboard, enhanced disk mapping, email alerts, and available call home services. MUST Pro keeps your Integrated System updated via Lifecycle Manager so you have the latest validated OS, drivers, firmware, BIOS, and BMC, with minimum disruptions.



Fully Integrated Appliance-Like Experience

- **Easy procurement** – Distinctly orderable multi-node solution
- **Simple to deploy** – Pre-installed bits from the factory
- **Hassle-free maintenance** – Full-stack integrated, setup & upgrade with integrated Windows Admin Center plugins
- **Highest reliability** – Curated components continuously tested by Microsoft & DataON
- **World-class support** – Joint support agreements between Microsoft & DataON



	DataON AZS-7112	DataON AZS-7208G	DataON AZS-7212	DataON AZS-7224
SPECIFICATIONS				
Profile / Optimization	All-NVMe / Size & Performance	GPU Optimized	Hybrid / IOPS & Capacity	All-NVMe / IOPS & Performance
Form Factor	1U / 1-Node Rack	2U / 1-Node rack	2U / 1-Node rack	2U / 1-Node rack
Drive Bay Config	12x 2.5" NVMe U.2	8x 2.5" NVMe U.2	4x 2.5" NVMe U.2 + 8-10x 3.5" SAS/SATA	24x 2.5" NVMe U.2
PCIe Slot Config	2x PCIe 5.0 x16; 1x PCIe 5.0 x8	2x PCIe 5.0 x8; 2x PCIe 5.0 x16 (2W), 2x PCIe 5.0 x16 (1W)	2x PCIe 5.0 x8; 4x PCIe 5.0 x8 (elec, x16 mech); 2x PCIe 5.0 x16 (e/m)	1x PCIe 5.0 x8; 1x PCIe 5.0 x8 elec, x16 mech; 2x PCIe 5.0 x16 (e/m)
GPU	N/A	Up to 2x NVIDIA Dual-slot GPUs	N/A	Available
Max. TDP / Power Supply	205W / Dual 1300W @ 100-240V	250W / Dual 2100W @ 240V	205W / Dual 1300W @ 100-240V	350W / Dual 1300W @ 100-240V
Scalability	1 to 16 Nodes per cluster			
CONFIGURATION				
Processor	5th Generation Intel® Xeon® processors			
Number of Cores	Dual socket, up to 64 cores (per node)			Dual socket, up to 120 cores
Memory	Up to 8TB DDR5 4800 MT/s DIMMs (or 4TB per processor) / 32 slots (per node)			
Cache Tier	N/A	N/A	NVMe SSDs	N/A
Capacity Tier	NVMe SSDs		HDD	NVMe SSDs
Resiliency	2-way mirror, nested 2-way mirror, nested mirror-accelerated parity, 3-way mirror, mirror-accelerated parity			
Onboard Network	2x 10GbE RJ45 OCP mezzanine (per node)			
Add-On Networking	2x 25GbE SFP28 or 2x 100GbE QSFP28/56 2-port RDMA (per node)			
Networking Switch	2x 48-port SFP28 25GbE; 2x 32-port QSFP 100GbE; or switchless			

DataON Integrated Systems include:

- Premium Deployment & Training**
 - Pre-deployment baseline testing, benchmarking, and stress testing
 - Pre-installed Azure Local OS with the latest verified drivers and firmware
 - **Sixteen hours of customer deployment services***
 - Pre-deployment site readiness review and implementation planning
 - Setup Microsoft Azure subscription with DataON's cloud service provider (CSP)
 - Remote deployment and training
 - Project documentation and knowledge transfer
- DataON MUST & MUST Pro for Windows Admin Center**
 - **MUST Pro*** keeps your system updated via cluster aware updating so you always have the latest Microsoft-validated OS, drivers, firmware, BIOS, and BMC versions, with minimum disruptions to your system
 - MUST provides hardware disk mapping, alert services, real-time inventory scans, plus available call home service for drive replacements and predictive drive failures
- Premium Warranty & Support**
 - Three years standard, optional extension to five years
 - Next-business-day parts replacement
 - 24x7 technical support for hardware and software
 - **24x7 integrated joint support from DataON and Microsoft using case exchange***

What is Azure Local (Azure Stack HCI)

Azure Local makes it easy for you to virtualize your workloads and run cloud native apps on-premises. Every Azure Local solution comes enabled with Azure Arc to seamlessly extend the full power of Azure services to your on-premises locations.

Azure Local Delivers Hybrid Services

Use Azure Local with other Azure services to build comprehensive hybrid HCI solutions such as Azure Virtual Desktop, Azure Kubernetes Service, Azure Arc-enabled data services and SQL Managed Instance, and AI at the edge, and more.

Deploy Confidently with Certified Solutions

Microsoft offers three levels of Azure Local solution categories, depending on your needs. DataON recommends our Integrated System Plus solutions for a turnkey experience with white glove deployment services that exceeds that of standard Integrated Systems.

	Validated Nodes (21 solution partners)	Integrated Systems (4 solution partners)	Integrated System Plus From DataON	Premier Solutions (2 solution partners)
Exclusive Microsoft partner			✓	
Certified solutions in the Microsoft catalog	243	63	34	9
Certified hardware with at least 5 years of support		✓	✓	✓
Solution testing frequency	Once	2-4 times per year	2-4 times per year	Continuously
Solution update automation	Separate software and firmware/driver updates	Single software and firmware/driver updates	Single software and firmware/driver updates	Single software and firmware/driver updates
Azure Local pre-installed		✓	✓	✓
White glove deployment services			Included	Available
Integrated support between Microsoft and solution partner		✓	✓	✓
Detects hardware and partner health issues			Coming soon	✓
Seamless 1-click updates			Coming soon	✓
Proactive call home support services				✓
Security features enabled by default		✓	✓	✓