

Highlights

- **A hybrid cloud 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 and is 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.
- **A premium Azure Local experience** – DataON Integrated System+ goes **beyond the standard Microsoft Integrated Systems tier requirements**, providing a more complete experience that includes deployment, integration, and training. Our goal is to not only get you up and going quickly but also to help your team to be confident in managing Azure Local.
- **Easy to manage** – Lifecycle management is easy with cluster aware updating and DataON Solution Builder Extension (SBE). It simplifies lifecycle management, improves reliability, and ensures seamless orchestration of firmware, drivers, and diagnostics. Updates can be applied as part of a full solution update, with minimal disruption to your environment.

Fully Integrated Appliance-Like Experience

- **Easy procurement** – Distinctly orderable multi-node solution
- **Highest reliability** – Curated components continuously tested by Microsoft & DataON
- **Simple to deploy** – Pre-installed bits from the factory
- **Hassle-free maintenance** – DataON Solution Builder Extension (SBE) simplifies lifecycle management, improves reliability, and ensures seamless orchestration of firmware, drivers, and diagnostics



DataON AZS-8112a

SPECIFICATIONS	
Profile / Optimization	All-NVMe / Edge (Size & Power)
Form Factor	1U / 1-Node Rack
Drive Bay Config	12x 2.5" NVMe U.2 Gen 5
PCIe Slot Config	1x PCIe Gen 5.0 x16 FH/HL; 1x PCIe Gen 5.0 x16 HH/HL; 1x PCIe Gen 5.0 x8 HH/HL
GPU	N/A
Max. TDP / Power Supply	400W / Dual 1600W @ 100-240V
Scalability	1 to 16 Nodes per cluster
CONFIGURATION	
Processor	AMD EPYC™ 9005 Processors
Number of Cores	Dual socket, 16-48 cores (per node)
Memory	64GB – 3TB DDR5 DIMMs @ 6400 MT/s (1 DPC), 5200 MT/s (2DPC)
Cache Tier	N/A
Capacity Tier	NVMe SSDs
Resiliency	2-way mirror, 3-way mirror, or 4-way rack level nested mirror (RLNM)
Add-On Networking Cards	4+ ports 25GbE SFP28 or 8+ ports 50GbE SFP56 or 4+ ports 100GbE QSFP28 (RDMA per node)

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

Premium Warranty & Support

- Three years standard, optional extension to five years
- Next-business-day parts replacement
- 24x7 Technical support for hardware and software

Optional Services

- Onsite hardware installation and deployment
- Onsite 4-hour parts replacement