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 experience** — DataON Integrated Systems+ go **beyond the standard Microsoft 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

- **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 AZL-8208i	DataON AZL-8224i
SPECIFICATIONS		
Profile / Optimization	All-NVMe / GPU Optimized	All-NVMe / IOPS & Performance
Form Factor	2U / 1-Node Rack	2U / 1-Node rack
Drive Bay Config	8x 2.5" NVMe U.2 Gen 5	24x 2.5" NVMe U.2 Gen 5
PCIe Slot Config	2x PCIe Gen 5.0 x16 FH/FL; 2x PCIe Gen 5.0 x16 FH/HL; 1x PCIe Gen 5.0 x8e x16m HH/HL	2x PCIe Gen 5.0 x16 FH/HL; 1x PCIe Gen 5.0 x8e x16m HH/HL
GPU	Yes (2x dual slot FH/FL)	N/A
Max. TDP / Power Supply	350W / Dual 2700W @ 100-240V	350W / Dual 2000W @ 100-240V
Scalability	1 to 16 Nodes per cluster	
CONFIGURATION		
Processor	Intel® Xeon® 6 processors	
Number of Cores	Dual socket, 16-128 cores (per node)	
Memory	64GB – 8TB 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 System+ includes:

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 Solution Builder Extension (SBE)**
- Streamlines updates by integrating firmware, drivers, and diagnostics into Azure Local's update process, reducing downtime and complexity.
- Enhances reliability and performance through tailored support for specific hardware platforms, including health checks and security policies.
- Updates can be applied as part of a full solution update, with minimal disruption to your environment

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
- First year HCI health check*