

Hybrid Cloud

Purpose-Built Hybrid Cloud with Dell, Microsoft, and Presidio

*Microsoft Azure Local on Dell AX System
Secure | Scalable | Modern*



THE CHALLENGE

Organizations are increasingly seeking secure and compliant cloud solutions that maintain data sovereignty and meet regulatory requirements. Microsoft Azure Local on Dell AX System provides a powerful on-premises cloud experience, enabling enterprises to leverage Azure services while retaining full control over their data. This hybrid approach ensures data privacy, supports mission-critical workloads, and aligns with corporate governance policies.

KEY CAPABILITIES

- **Seamless integration** with Azure services for compute, storage, and networking.
- **Local deployment** on Dell AX System hardware for enhanced performance and control.
- **Presidio's expertise** in Microsoft and Dell technologies ensures successful integration and optimized configurations.
- **Advanced security and compliance** features to protect sensitive data.
- **Scalable architecture** supporting AI, ML, Data Analytics, and Containerized workloads.

INFRASTRUCTURE OVERVIEW

Dell AX System is purpose-built for Azure Local deployments. It features high-performance compute, storage, and networking components optimized for enterprise workloads. Presidio's Azure integration services ensure a smooth transition and operational excellence.

TECHNICAL SPECIFICATIONS

- **Available in several form factors** (1U, 2U, modular, and ruggedized)
- **Processors:** Dual Intel Xeon Scalable CPUs
- **GPUs:** Supported in all flash configurations
- **Memory:** Up to 8TB per node
- **Storage:** Up to 368 TB per node, choice of all-flash NVMe & SSD or hybrid NVMe/SSD & HDD
- **Dell PowerFlex external storage supported for scaling of storage independently of compute**
- **Networking:** 25/100GbE connectivity
- **Security:** TPM 2.0, Secure Boot, and role-based access control
- **Scalability:** Up to 16 nodes per cluster
- **Full Azure Arc integration**
- **Available with perpetual OEM licensing for Azure Local and Windows Server Datacenter 2025 (and earlier) guest VMs**

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JOINT VALUE PROPOSITION

Microsoft Azure Local on Dell AX System, integrated by Presidio, offers a secure, scalable, and modern cloud experience within your data center. This solution empowers organizations to innovate with Azure services while maintaining data control and compliance. With Dell's robust hardware and Presidio's deep expertise, enterprises can confidently adopt hybrid cloud strategies tailored to their needs.

Built on latest generation PowerEdge



Purpose-built
Scale AI, edge & performance anywhere



Intelligent
Accomplish more with automation & improve operational efficiencies



Cyber resilient
Accelerate zero trust adoption

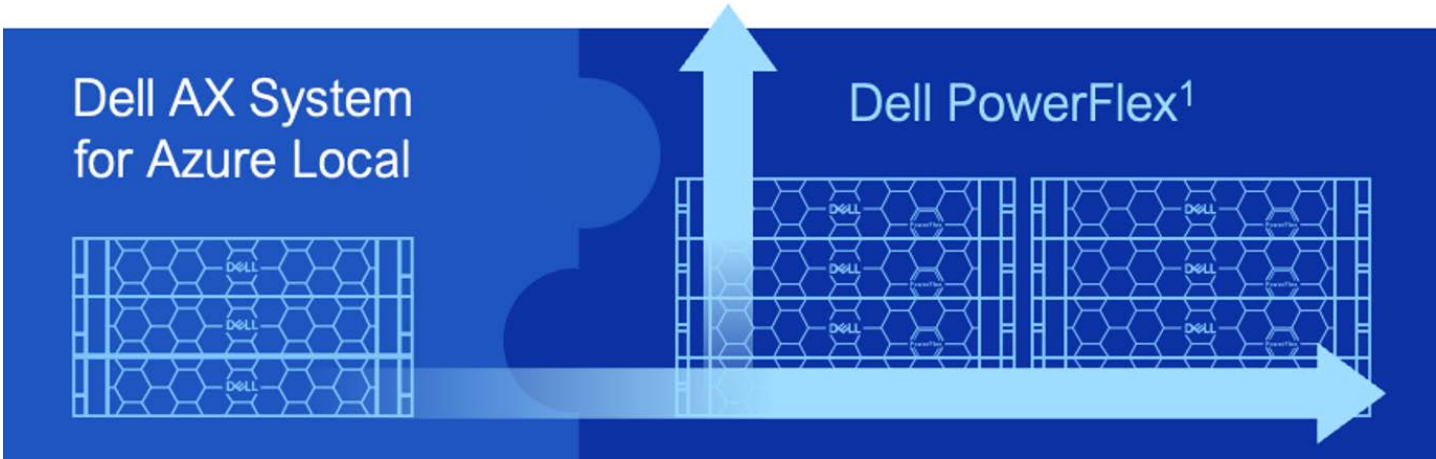


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Up to 10x faster ¹ model generation	Up to 50% more cores	Up to 121% Increased performance
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