

# Dell AX System for Azure Local with AX-4000

## Extend Azure to the edge with a Premier Solution for Azure Local

Operating at the edge demands infrastructure that's both resilient and adaptable. Whether managing resources in the back office of a bustling retail store, on a manufacturing floor surrounded by machinery, or at a telecommunications tower in extreme weather, edge environments require solutions that excel in flexibility, efficiency, and durability.

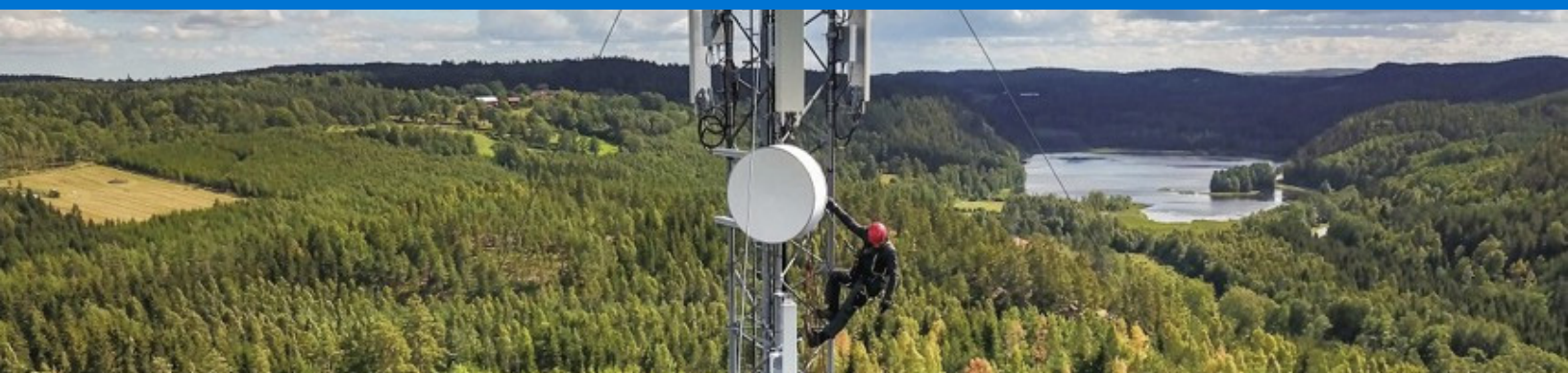
The Dell AX System for Azure Local AX-4000 nodes are purpose-built for customers with a strategic focus on Azure environments. Specifically designed for edge and remote office/back office (ROBO) computing use cases, these small-footprint nodes offer an excellent choice for extending Azure to the edge, with optimized features that simplify integration into Azure-based ecosystems. Through collaborative innovation from Dell and Microsoft, Dell AX System for Azure Local delivers exceptional value wherever it's deployed.



## Optimized for edge use cases

The Dell AX System is a Premier Solution for Azure Local, designed to simplify operations and deliver reliable performance, especially vital for edge deployments where uptime is key. For those committed to Azure as their platform of choice, its integration with Microsoft-native tools and the Dell OpenManage with Microsoft Windows Admin Center offers centralized, simplified infrastructure management, reducing the need for on-site IT expertise in remote locations.

Hardware updates, including BIOS, firmware, and drivers, are handled seamlessly through Azure Update Manager, ensuring systems remain secure and updated without significant manual intervention. Proactive readiness assessments and compatibility checks further eliminate potential operational risks by identifying issues early, securing smooth and uninterrupted operations in critical environments.



## Real-world applications

The AX-4000 nodes feature a unique chassis and compute sled design tailored for edge environments.



**Available in two flexible form factors, they adapt seamlessly to various deployment needs:**

### Rackable Chassis



Supports multiple configurations, including options such as 4x 1U, 2x 2U, or 2x 1U + 1x 2U sleds. It fits into standard-width racks, making it perfect for traditional infrastructure. Advanced capabilities include expansion up to four nodes and support for GPUs to accommodate AI/ML workloads.

### Stackable Chassis



Optimized for tight spaces, this design allows for easy stacking on desktops or shelves with built-in latches. It also supports wall mounting, enabling efficient use of limited space.

## Designed for efficiency and sustainability

The AX-4000 nodes are engineered for sustainable performance. Their compact size and optimized power consumption reduce cooling needs and operational expenses. Built with eco-friendly materials that meet global standards, these nodes support sustainability goals while minimizing environmental impact.

## Ready for the toughest environments

Whether in space-constrained locations or rugged operational settings, the AX-4000 nodes thrive in challenging conditions. They reduce the operational burden with efficient design and require minimal space, energy, and cooling, delivering reliability and robust performance even in non-traditional data center environments.

The AX-4000 nodes redefine edge computing by extending Azure hybrid cloud to environments where space and resilience matter most.



# Empower your edge with Azure

Scalable, high-performance infrastructure that supports your edge computing strategy within an Azure-centric framework

[Learn more about Dell AX System for Azure Local AX-4000 nodes](#)