

# Lenovo ThinkAgile MX650 V3 Premier Solution: Improved Operational Efficiency, Faster Time to Value, and Greater Flexibility for Enterprises

## Article

### Introducing the Lenovo ThinkAgile MX650 V3 Premier Solution

Lenovo is introducing the new ThinkAgile MX650 V3 Premier Solution, an Intel-based offering as part of the Premier Solutions category for Azure Local. Premier Solutions is a category of Azure Local products that provides customers with an improved operational experience, faster time to value, and greater flexibility with as-a-service procurement options.

ThinkAgile MX650 V3 Premier Solution has the following key features:

- Strong integration and a higher level of automation, built through an engineering collaboration between Lenovo and Microsoft.
- Continuous testing by Microsoft and Lenovo, to ensure higher reliability and minimal downtime.
- End-to-end deployment workflows that make it easy to deploy one cluster or a thousand clusters.

Built with high-performance capabilities and streamlined integration, the ThinkAgile MX650 V3 Premier Solution delivers the necessary tools for organizations to seamlessly manage hybrid cloud deployments. This comprehensive solution combines best-in-class hardware with Azure Local, making it an ideal choice for organizations that want to utilize Azure Local and want the highest level of support, so they can focus on business outcomes rather than managing infrastructure.



Figure 1. ThinkAgile MX650 V3 Premier Solution

## Accelerating Time to Value

In today's enterprise landscape, organizations have many factors to consider when building their IT infrastructures, such as financial constraints, physical footprint, energy consumption, security, latency, regulatory compliance, and more. Designed in collaboration with Microsoft, Lenovo is delivering an infrastructure solution that integrates hardware, software, and cloud seamlessly for customers, significantly accelerating the time to value.

*"The launch of the ThinkAgile MX650V3 Premier Solution underscores our continued commitment to providing cutting edge, turnkey infrastructure solutions that simplify hybrid cloud management for our customers. By combining our high-performance infrastructure with Microsoft Azure Local seamless integration, we're empowering enterprises to accelerate their digital transformation and focus on business outcomes with unparalleled efficiency and reliability,"* said Scott Tease, VP, ISG Product Group.

The Lenovo Premier Solution for Azure Local simplifies Day 0 planning, drastically reduces the time and resources needed for Day 1 remote (and local) deployments and allows for streamlined and consolidated Day 2 operational and maintenance support.

## Streamlined Hybrid Cloud Management with Azure Local

The ThinkAgile MX650 V3 Premier Solution is integrated with Azure Local, providing a simplified and consistent management experience across hybrid cloud environments. This integration allows enterprises to extend cloud computing to distributed environment and leverages Azure services such as Azure Backup, Azure Site Recovery, and Azure Security Center for enhanced data protection and governance.

*"We hear from our customers daily about the need for a seamless experience from the cloud to the edge to accelerate innovation and build applications that span their entire estate. Our collaboration with Lenovo allows us to deliver just enough Azure to those environments, providing customers with the right form factors for their needs,"* said Bernardo Caldas, Corporate Vice President at Microsoft . *"The ThinkAgile MX650 V3 Premier solution offers comprehensive enterprise-grade adaptive cloud capabilities, helping businesses streamline operations, enhance data security, and achieve faster time to value, while maintaining the flexibility needed in today's complex IT landscape."*

Azure Local leverages tools familiar to Windows Server admins, making it easier for IT administrators and ensuring seamless operations between on-premises and cloud resources. With a centralized management interface, IT teams can monitor, maintain, and manage resources efficiently making hybrid cloud deployments more manageable and reducing operational complexity.

## Simplified Deployment and Lifecycle Management

The ThinkAgile MX650 V3 Premier Solution is engineered to streamline every stage of the IT lifecycle, from initial deployment to ongoing management and maintenance. Firmware and software updates often require downtime and specialized experts for maintenance and updates. The ThinkAgile MX650 V3 Premier Solution minimizes downtime by combining Lenovo tools with Azure Local features to enable remote in-place updates for the entire cluster.

The ThinkAgile MX650V3 Premier Solution also integrates Lenovo Open Cloud Automation for the rapid deployment and lifecycle management of on-premises cloud infrastructure, regardless of its location. Additionally, the Lenovo ThinkAgile MX650 V3 Premier Solution includes services, such as Premier Support and Managed Services, which provide ongoing technical assistance, proactive support, and lifecycle management to maximize system uptime. These services assist organizations get the most out of their investment, while freeing up internal resources to focus on core business initiatives.

## Benefits of Premier Solutions

Benefits of the MX650 V3 Premier Solution include:

- **Single Point of Contact**

Lenovo's Premier Support services provide a dedicated, single point of contact for comprehensive hardware and software support, including 24/7 access to Lenovo's expert technicians. This support model ensures that businesses have the assistance they need to resolve technical issues quickly and efficiently, minimizing the impact on operations.

- **Enterprise-Grade Reliability and Security**

Reliability and security are paramount for enterprise IT environments, and the ThinkAgile MX650 V3 Premier Solution is engineered to deliver on both fronts. This solution incorporates Lenovo's renowned ThinkShield security features, which encompass a comprehensive suite of hardware, software, and process security measures designed to protect data throughout its lifecycle.

Additionally, with the launch of Azure Local, the ThinkAgile MX650 V3 Premier Solution has more than 300 security settings enabled from Day 1. Default security settings provide a consistent security baseline to ensure that devices start in a known good state.

- **Comprehensive Networking Options for Modern Data Centers**

Networking is a key consideration in hybrid cloud environments, and the ThinkAgile MX650 V3 Premier Solution offers a robust set of networking options to meet the needs of modern computing environments. With support for high-speed Ethernet, including 10GbE, 25GbE, and 100GbE network adapters, businesses can achieve low-latency, high-bandwidth connectivity to keep up with the demands of virtualization, cloud applications, and big data analytics.

- **Sustainability and Energy Efficiency**

In today's environmentally conscious world, sustainability is a growing priority for many businesses, and the ThinkAgile MX650 V3 Premier Solution delivers in this area as well. Lenovo has designed this solution with energy efficiency in mind, leveraging advanced power management features and cooling technologies to reduce energy consumption and lower operational costs.

- **Flexibility of Procurement Options**

With a variety of budget constraints and economic dynamics in the market, customers don't want to be locked into rigid financing models. They want options. The new Premier Solution is available as a traditional CAPEX model or as an OPEX model with Lenovo TruScale giving customers the financial flexibility they need.

## Conclusion: A Powerful Solution for Hybrid Cloud Deployments

The Lenovo ThinkAgile MX650 V3 Premier Solution is a robust and reliable option for businesses looking to simplify their hybrid cloud deployments. Combining Lenovo's cutting-edge hardware with the flexibility of Azure Local, this solution delivers high performance, scalability, and simplified management—all while maintaining enterprise-grade security and reliability. The ThinkAgile MX650 V3 Premier Solution offers a comprehensive package that empowers organizations to succeed in today's dynamic IT landscape.

Whether you're a small business looking to modernize your IT infrastructure or a large enterprise seeking to optimize a complex hybrid environment, the ThinkAgile MX650 V3 Premier Solution provides the tools you need to succeed. It's a future-ready investment that offers both flexibility and power, setting the stage for digital transformation and long-term growth.

## Author

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## Related product families

Product families related to this document are the following:

- [ThinkAgile MX Series for Microsoft Azure Stack HCI](#)
- [ThinkSystem SR650 V3 Server](#)

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