

# Lenovo ThinkAgile MX

## for Microsoft Azure Stack HCI

Lenovo™

**Easy to implement, validated Azure Stack HCI building blocks**

### Microsoft Azure Stack HCI: Hybrid Cloud your way.

[Azure Stack HCI](#) is Microsoft's hyperconverged solution. Leveraging Storage Spaces Direct technology in Windows Server 2019 Datacenter Edition, customers can bring together highly-virtualized compute, storage and networking on industry-standard x86 servers and components to easily deploy, manage and scale their server infrastructure. Management is easy with Lenovo [XClarity Integrator](#) for [Windows Admin Center](#): A single pane of glass management experience.

Customers increasingly prefer hyperconverged infrastructure for modernizing aging infrastructure. Choosing a hybrid approach allows them to migrate certain workloads to cloud while keeping others on premises. Microsoft Azure Stack HCI is the only hyperconverged infrastructure platform from a leader in public cloud.

Built-in integration to Azure infrastructure management services allows customers to use [Azure Backup](#), [Azure Site Recovery](#), [Azure Monitor](#) and [Update Management](#) and other Azure services to deploy a true hybrid environment. Microsoft Azure Stack HCI also boasts true 2-node clustering by employing a [light weight witness](#). Together with [industry-leading virtual machine performance](#), Azure Stack HCI gives customers higher performance for lower cost for a variety of uses: ROBO, VDI, Datacenter consolidation, lower-cost storage, high availability, disaster recovery in the cloud, SQL, etc.

### ThinkAgile MX Certified Node

Lenovo's ThinkAgile MX Certified Nodes package Azure Stack HCI into easy-to-use machine types to provide:

- Validated configurations with best recipe firmware bundles so you get a solution that just works
- Lenovo-tested Windows Server 2019 Datacenter Edition
- Optional Deployment Services for faster time to value
- ThinkAgile Advantage support to help you avoid downtime



ThinkAgile MX Certified Node

Lenovo has designed, tested and validated ThinkAgile MX Series to quickly and easily provide the solutions you need, with the confidence required, to exceed the stringent requirements of today's IT. The result is that you can quickly deploy a robust, high-performance HCI solution to meet your IT challenges.



# Lenovo Validated Configurations

Lenovo has the following 13 configurations available for Microsoft Azure Stack HCI Solutions with ThinkAgile MX nodes and general purpose ThinkSystem SR630 servers.

Each configuration supports 16-56 cores and 96GB - 1.5TB RAM.

| Solution Name                                       | Nodes   | Platform               | Capacity      | Storage Types                     | Network Speed   | Mapping  |
|---|---------|------------------------|---------------|-----------------------------------|-----------------|----------|
| <b>Balanced</b><br>Lenovo ThinkAgile MX             | 4 to 16 | ThinkSystem SR650 (2U) | 16TB to 140TB | WDC BC SAS SSDs+ SATA HDDs        | 25Gb            | SH60T1a  |
| <b>Performance</b><br>Lenovo ThinkAgile MX          | 4 to 16 | ThinkSystem SR650 (2U) | 16TB to 140TB | P4610 NVMe SSDs+ SATA HDDs        | 25Gb            | NH120T1a |
| <b>ROBO Balanced</b><br>Lenovo ThinkAgile MX        | 2 to 4  | ThinkSystem SR650 (2U) | 16TB to 140TB | WDC BC SAS SSDs+ SATA HDDs        | 10Gb/25Gb       | SH40T1a  |
| <b>ROBO Performance</b><br>Lenovo ThinkAgile MX     | 2 to 4  | ThinkSystem SR650 (2U) | 16TB to 140TB | P4610 NVMe SSDs+ SATA HDDs        | 10Gb/25Gb       | NH80T1a  |
| <b>ROBO All Flash</b><br>Lenovo ThinkAgile MX       | 2 to 4  | ThinkSystem SR650 (2U) | 8TB to 76TB   | P4610 NVMe SSDs + S4510 SATA SSDs | 10Gb/25Gb       | NS77T1a  |
| <b>All Flash</b><br>Lenovo ThinkAgile MX            | 4 to 16 | ThinkSystem SR650 (2U) | 8TB to 76TB   | P4610 NVMe SSDs+ S4510 SATA SSDs  | 10Gb/25Gb/100Gb | NS77T1a  |
| <b>ROBO Direct-connect</b><br>Lenovo ThinkAgile MX  | 2 to 4  | ThinkSystem SR650 (2U) | 16TB to 80TB  | WDC BC SAS SSDs+ SATA HDDs        | 10Gb/25Gb       | SH40T1a  |
| <b>Balanced</b><br>Lenovo ThinkSystem SR630         | 4 to 16 | ThinkSystem SR630 (1U) | 16TB to 56TB  | WDC BC SAS SSDs+ SATA HDDs        | 25Gb            | SH60T1b  |
| <b>Performance</b><br>Lenovo ThinkSystem SR630      | 4 to 16 | ThinkSystem SR630 (1U) | 16TB to 56TB  | P4610 NVMe SSDs+ SATA HDDs        | 25Gb            | NH120T1b |
| <b>ROBO Balanced</b><br>Lenovo ThinkSystem SR630    | 2 to 4  | ThinkSystem SR630 (1U) | 16TB to 56TB  | WDC BC SAS SSDs+ SATA HDDs        | 10Gb/25Gb       | SH40T1b  |
| <b>ROBO Performance</b><br>Lenovo ThinkSystem SR630 | 2 to 4  | ThinkSystem SR630 (1U) | 16TB to 56TB  | P4610 NVMe SSDs+ SATA HDDs        | 10Gb/25Gb       | NH80T1b  |
| <b>ROBO All Flash</b><br>Lenovo ThinkSystem SR630   | 2 to 4  | ThinkSystem SR630 (1U) | 8TB to 30TB   | P4610 NVMe SSDs + S4510 SATA SSDs | 10Gb/25Gb       | NS77T1b  |
| <b>All Flash</b><br>Lenovo ThinkSystem SR630        | 4 to 16 | ThinkSystem SR630 (1U) | 8TB to 30TB   | P4610 NVMe SSDs+ S4510 SATA SSDs  | 10Gb/25Gb/100Gb | NS77T1b  |

## For More Information

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