TAKING HCI TO THE EDGE: THINKAGILE MX1020 FOR AZURE STACK HCI

Compact & Rugged Hyper-Converged Infrastructure for the Edge

Put the power and flexibility of Azure Stack HCI anywhere with the revolutionary ThinkAgile MX1020. Small and tough enough to run business workloads reliably and safely outside the data center:

Point-of-sale, remote offices, manufacturing and other harsh, hot, dusty, vibration-prone or unsecured environments.

ALL YOU NEED FOR AZURE STACK HCI

- With only a single node powered by Intel® Xeon® D Series processors and Windows Server 2022 Datacenter Edition - the cloud-ready operating system that boosts on-premises investments with hybrid capabilities.
- Flexibility to add nodes as your needs grow and also to bring-your-own software licensing
- Specifically designed and developed by Lenovo and Microsoft for ROBO/Edge scenarios

RUGGED HARDWARE THAT GOES ANYWHERE

- Unique solution based on the rugged ThinkAgile MX1020
- Operates in temperatures from 0°C to 55°C
- Protection against dust and vibration
- Compact 1U half-wide footprint with short 37.6cm depth
- Multiple mounting options including wall and ceiling

SECURITY WHERE YOU NEED IT

- Optional self-encrypting solid-state drives means your data stays protected
- System encryption technology that can be configured to delete key on tamper or theft detection

WHY EDGE COMPUTING?

Data Explosion
Too much data; Bandwidth is time or cost limited

Resiliency
Data needs to be acted on at all times

Latency
Latency requirements outpace physics

Regulation
Laws require data to stay local and encrypted

BECHTLE

Microsoft

ThinkAgile MX1020:
Edge made easy

For performance reasons, you need compute and storage capabilities right where the data is generated.

With its small footprint and power efficiency, the Lenovo ThinkAgile MX1020 Edge solution allows for reliable server-class performance at many Edge locations.

MICROSOFT AZURE STACK HCI

Run workloads on your cluster and extend easily to Azure public cloud for hybrid capabilities such as Azure Kubernetes Services, backup, site recovery, storage, cloud-based monitoring and more.

Windows Admin Center (WAC): Easy to use web-based management tool plus Lenovo's XClarity plugin allows you to deploy and manage your hardware and firmware.

Storage Spaces Direct (S2D): State-of-the-art Software defined storage with multiple high-performance resiliency options, deduplication, compression and many more Enterprise Grade Features.

Hyper-V: Hypervisor is included in the license, and with Hyper-V you can create unlimited Windows Server VMs at no additional cost.

Software-Defined Networking: Features such as virtual network encryption, firewall auditing, and virtual network peering enables you to get the benefits of a highly secure software-defined network.

Let's get started!

Whether you need a strategic partner to help you plan and execute your vision of intelligent transformation or you just need to expand or refresh your current infrastructure, Lenovo would welcome the opportunity to collaborate on how to best achieve your business initiatives.

WHY PARTNER WITH LENOVO IN YOUR DATA CENTER?

- Lenovo solutions are designed, tested and supported in close partnership with Intel® and the broadest range of industry-leading software vendors. You have more choice and can avoid vendor lock-in

- Services to accelerate transformation and keep your data center running efficiently

- End-to-end HCI solutions from the datacenter to the Edge tailored to fit your hybrid cloud strategy

- ThinkShield enhanced security features and product development processes

- Nearly 30 years of in-house data center technology engineering and innovation

- #1 in performance with 155 world record benchmarks (current as of 1-1-2020)

- #1 in server reliability for the past 7 years running (according to ITIC)

Contact us via your Bechtle Account Manager or email ben.brown@bechtle.com

Lenovo

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Microsoft