Take the complexity out of your data center with **hyperconverged solutions from Lenovo**

Lenovo ThinkAgile hyperconverged infrastructure (HCI) solutions are making the path to cloud simpler by turning legacy compute, storage, and networking into single pools of flexible resources.

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Powered by Intel® Xeon® Scalable Processors

Learn more at **www.lenovo.com/hci**

Lenovo

Lenovo HCI solutions, your route through complexity.

Adapting to today's changing market conditions means adopting new business models that transform the business itself, including cloud. Flexible infrastructure provides the agility to transform at speed.

Traditional three-tier infrastructure (compute, storage, and networking) depends on complex hardware and management operations. This time-consuming complexity increases risk and makes successful projects harder to deliver. Lenovo HCI solutions, powered by Intel® Xeon® Scalable processors, provide one flexible platform that is easier to deploy, manage, scale, and budget for.

Lenovo ThinkAgile HCI solutions are built on industry-leading server hardware and deliver record-breaking performance, reliability, and value.

World record benchmarks

Lenovo ThinkSystem servers that are at the heart of all ThinkAgile solutions hold 224 performance world records including for key virtualization tests VMmark 3.1 and SPEC VIRT_SC 2013.[1] These benchmarks test workload types that are critical for HCI.

Begin cloud transformation

Lenovo ThinkAgile HCI solutions provide a flexible platform for hybrid cloud, virtual desktop for remote working, virtualization, or any modern workload.

Scale flexibly

Lenovo ThinkAgile HCI appliances are flexible building blocks, which you can combine to achieve linear scaling of storage and compute performance as needs grow.

Extreme resilience

Protect business continuity with the built-in resilience of HCI software and the renowned reliability of Lenovo hardware. Lenovo is consistently ranked #1 for reliability among x86 server vendors in the ITIC Global Survey.[2]

Reduce waste and energy consumption

Lower TCO with easy deployment, a smaller IT footprint, and more efficient resource utilization. You could achieve up to 91% savings in IT operations.[3]

Simplify management

HCI provides integrated, single-pane infrastructure management. Lenovo are building integration from their hardware management XClarity to the hyperconverged management tools of your choice: Prism by Nutanix, vCenter by VMware and Windows Admin Center by Microsoft. In short, with Lenovo, you can choose the HCI software that fits your needs and skills.

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Intel technologies

Supporting the needs of the modern data center.

Lenovo ThinkAgile HCI solutions feature industry-leading compute, memory, and storage technologies from Intel.
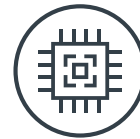
Intel® Xeon® Scalable Processors

Choose from a range of processor SKUs tailored for your business needs. Gain flexibility with Intel Speed Select Technology. Use enhanced Intel Deep Learning Boost with BFloat 16 for analytics and AI workloads.

Intel Optane Persistent Memory

Save more, do more, and go faster. With Intel Optane Persistent Memory you can accelerate large databases and database sets, run larger or more VMs, and gain more options for balancing TCO.

Intel Optane SSDs

Get the right device for the right purpose. Intel Optane SSDs deliver sustained higher IOPS, greater endurance (more than 60 petabytes), industry-leading low latency, and better QoS (Quality of Service) with no peaks or trough in performance.

Intel Select Solutions

Get tailored, tested, and certified configurations for your needs. Visit DCSC.Lenovo.com to find all the configurations you need to facilitate a quick and easy config-quote-price to sell process for Intel Select Solutions.

Learn more at www.lenovo.com/hci

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Your choice of software

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We've partnered with the industry's leading HCI software vendors. You can decide which pre-integrated software is the best fit for your workloads, users, and business needs.

Lenovo ThinkAgile HX Series solutions integrate Nutanix software to greatly reduce IT infrastructure expenses and TCO, support multiple HCI software hypervisors, and accelerate use cases such as virtual desktops.

Lenovo ThinkAgile MX Series solutions are built on Microsoft Azure Stack HCI software, Windows Admin Center management, and native integration with Azure hybrid services which make it easy to extend applications to the cloud.

Lenovo ThinkAgile VX Series solutions, powered by VMware software, deliver value from day one by helping you to automate resource optimization, improve business agility, and take the easiest path to hybrid cloud.

Learn more at www.lenovo.com/hci

All ThinkAgile solutions ship from Lenovo as fully certified and validated building blocks to deliver extreme reliability, security, scalability, and simplified management.

NUTANIX™

Lenovo ThinkAgile HX Series, a best-in-class hyperconverged system with Nutanix industry-leading software preloaded on Lenovo platforms, dramatically simplifies data center management, frees up your IT staff, and accelerates your deployment, ultimately reducing your total ownership cost.

ThinkAgile HX Series models are optimized for a broad set of virtualized workloads for on-premises or in the cloud - including ROBO, office applications, analytics, and in-memory databases - as well as for Edge applications and workloads.

Learn more

Microsoft

Lenovo ThinkAgile MX Series is designed for deploying highly available, highly scalable hyperconverged infrastructure from Microsoft on Lenovo enterprise-grade platforms. ThinkAgile MX Series deliver fully validated and integrated Lenovo hardware and firmware and are certified for Microsoft Azure Stack HCI solutions.

ThinkAgile MX Series can be optimized for various workloads, including general purpose workloads for small and medium businesses, virtual desktop infrastructure (VDI), server virtualization, private/hybrid clouds, enterprise applications, databases, data analytics, and specific Edge workloads.

Learn more

vmware®

Lenovo ThinkAgile VX Series provides the simplest way to bring a new VMware hyperconverged environment online. If you have an existing VMware environment, the VX Series can integrate into it easily.
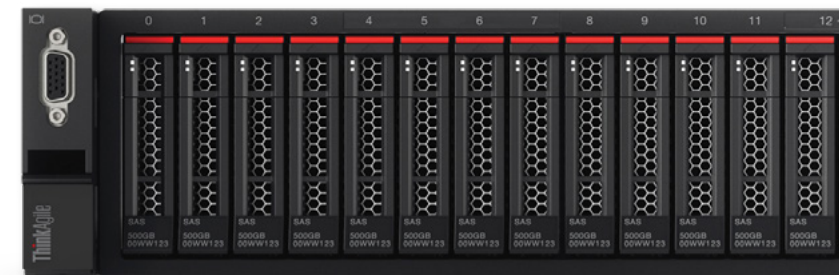
Lenovo ThinkAgile VX Series can be used as infrastructure for remote office/branch office (ROBO) and retail stores as well as virtual desktop infrastructure (VDI) and enterprise applications.

Learn more

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Lenovo has more for you

Compute Power at the Edge

The value of data - specifically data generated at the Edge by customer-facing applications, mobile devices, and IoT sensors - keeps growing. Having the speed to process, analyze, and act on this data is crucial, which is why the compute power and flexibility of Lenovo ThinkAgile HCI is now also available for the Edge. Lenovo's ThinkAgile HX1021 and MX102x for Azure Stack HCI solutions are perfectly suited for your Edge-Computing requirements: compact, rugged and secure with wireless connectivity.

Learn more about ThinkAgile HX1021
Learn more about ThinkAgile MX102x

Lenovo Engineered Solutions for ThinkAgile HCI

Are you looking for expert advice to bring your project to life? Developed to simplify configuration and deployment, Lenovo Engineered Solutions are designed, tested and certified to provide faster time-to-value and lower TCO. Big Data and Analytics, Dev Ops, Cloud, Client Virtualization, Artificial Intelligence, Hyperscale computing, SAP and more, all at your fingertips.

Learn more on LenovoPress.com

Lenovo Professional Services

Lenovo will support and guide you through your IT modernization journey, from assessing and defining your requirements to deployment and throughout the solution lifecycle. In addition, you will also receive ThinkAgile Advantage Support, giving you the benefit of a single point of contact that understands your solution, providing cohesive service and support.

Learn more

Learn more at www.lenovo.com/hci

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Lenovo

Choose your path
with Lenovo

Which solution is right for you?

Thanks to our long-standing experience, proven track record and choice of ThinkAgile solutions, Lenovo can help you get the right solution for what you want to achieve, according to your hypervisor preference and other requirements.

Lenovo Assessment Workshop

To help navigate your options, we offer a complete discovery of your business challenges, priorities, and limiting constraints to develop a tailored strategy.

Learn more

Increase your knowledge

Talk with Lenovo subject matter experts, see live product demonstrations, and much more at Lenovo events.

Find events

We are here to help you.
Get in touch to discuss your IT modernization plans and objectives.

Contact us

1 Lenovo. November 2020. Lenovo ThinkSystem Servers Continue to Lead the Industry in Performance and Customer Value. https://lenovopress.com/lp1145-lenovo-thinksystem-continues-to-lead-the-industry-in-performance.
2 ITIC. March 2020. ITIC 2020 Global Server Reliability Report.
3 Nutanix, https://www.nutanix.com/business-value

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