

ThinkAgile VX Certified Nodes

Simplify IT infrastructure and accelerate time-to-value



VX Certified Nodes, above: 1U top, 2U middle, and 2U/4-node bottom.

vSAN Hyperconverged Architecture

Differentiating yourself from the competition is vital in today's fast-moving business environment. To support your business, IT systems must be simple, agile, and cost-effective so you can meet your customers' requirements to be ever online. Lenovo ThinkAgile VX Certified Nodes enable you to meet these requirements by focusing on the business outcome you require, rather than on building your infrastructure.

ThinkAgile VX Certified Nodes are available in multiple form factors. Each certified node contains vSAN-certified components and vSAN-certified firmware to provide the simplest way to bring a new VMware hyperconverged environment online.

Designed for any size business from SMBs through large enterprises, VX Certified Nodes can be used as infrastructure for remote office/branch office (ROBO) and retail stores as well as virtual desktop infrastructure (VDI) and enterprise applications.

Buying vs. Building Infrastructure

Typically, VMware vSAN installation is very much a do-it-yourself project. Customers must spend time consulting hardware compatibility lists and ensuring that only the right components and right firmware revisions are used. ThinkAgile VX Certified Nodes eliminate all of that time and effort by ensuring that only certified components and firmware can be used.

VX Certified Nodes arrive at your door with the hardware already installed and configured and using the right version of firmware, making it easy to integrate it into your environment. These nodes provide powerful lifecycle management capabilities via vSphere Lifecycle Manager (vLCM). vLCM speeds deployment, simplifies patching and updating software, and offers task automation. This enables you to free up valuable personnel for more productive tasks.

VX Certified Nodes are simple to manage and operate. With compute, storage, and virtualization resources integrated into a single node, it enables you to dramatically simplify your infrastructure by pooling multiple sets of node resources into a single virtual structure for more efficient utilization and management. Plus, this infrastructure scales rapidly to meet the growing needs of your business, using next-generation CPU's from the Intel® Xeon® Processor Scalable family or AMD EPYC™ Family of Processors. ThinkSystem servers are so powerful that as a family they hold more than 240 current world records on industry-standard benchmarks.*

Lenovo

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There is no need for expensive IT overprovisioning. You can wait until you actually need additional resources before you pay for them. And for 7 years in a row, Lenovo servers have held the #1 reliability rating among all x86 servers worldwide†, so you won't need a huge inventory of service parts and "spare" servers.

Bottom Line

ThinkAgile VX Certified Nodes enable you to simplify your IT infrastructure and drive down costs through the combination of preloaded easy-to-use software on powerful, extremely reliable hardware. All VX Certified Nodes are backed by world-class Lenovo services and support.

The perfect complement to VX Certified Nodes, Lenovo's comprehensive data center services portfolio spans the entire life cycle of your Lenovo IT assets. Tailor your data center services to meet specific business needs and response-time targets with preconfigured support levels. Service options include assessment workshops, hardware installation, enterprise server software support, managed services, health checks, and more.

VX 1U Certified Nodes Specifications

The ThinkAgile 1U VX3331 Certified Node, based on the ThinkSystem SR630 V2 which uses 3rd Gen Intel® Xeon® Scalable processors or ThinkSystem SR645 which uses the latest AMD EPYC™ 7003 Series Processors, is an ideal 2-socket 1U rack server for small businesses up to large enterprises that need industry-leading reliability, management, and security, as well as maximizing performance and flexibility for future growth.

Model	VX3331 Certified Node	VX3376 Certified Node
Audience	Small businesses up to large enterprises	
Form Factor	1U	1U
Processor	Up to 2x 3rd Generation Intel® Xeon® Scalable processors, up to 270W	Up to 2x 64 core AMD EPYC 7003 Series processors
Memory	24x 128 GB DIMMs at 2933 MHz	32x 128GB DIMMs at 3200 MHz
GPU	2x SW GPU up to 150W each	3x SW GPU up to 150W each
Drive Bays	12x 2.5" SAS/SATA 12x 2.5" NVMe 4x 3.5" SAS/SATA	
Disk Groups	1 or 4	
Software Preloaded	VMware ESXi, vSAN (Activation licenses optional)	
Systems Management	Single pane of glass with Lenovo XClarity Integrator for VMware vCenter and VMware vSphere. Integrated management offering for discovery, monitoring, firmware updates, configurations, and workload migration	
License Options	Optional software licenses available through Lenovo OEM or standard VMware licenses	
Warranty Support	3- or 5-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades	

VX 2U Certified Nodes Specifications

First, the 2U VX7531 Certified Node, based on the ThinkSystem SR650 V2, is the optimum 2U 2-socket server, uses 3rd Gen Intel® Xeon® Scalable processors. It's engineered to deliver high performance with 270W CPUs, low latency NVMe drives, and high-powered GPUs.

The 2U VX7576 Certified Node, also a 2U 2-socket server, uses the latest AMD EPYC™ 7003 Series Processors, it's engineered to deliver high performance with 240W CPUs.

Both are for use at medium to large enterprises, managed and cloud service providers for high-performance workloads such as database, email, and collaboration.

Model	VX7531 Certified Node	VX7576 Certified Node
Audience	Medium to large enterprises	
Form Factor	2U	2U
Processor	Up to 2x 3rd Generation Intel® Xeon® Scalable processors, up to 270W	AMD EPYC™ 7003 Series processors, up to 240W
Memory	32x 128GB DIMMs at 3200MHz	32x 128GB DIMMs at 3200MHz
GPU	3x DW GPU up to 300W each 8x SW GPU up to 75W each 8x SW GPU up to 150W each	3x DW GPU up to 300W/each 8x SW GPU up to 75W/each 6x SW GPU up to 150W/each
Drive Bays	40x 2.5" SAS/SATA 32x 2.5" NVMe 16x 3.5" SAS/SATA	36x 2.5" SAS/SATA 16x 3.5" SAS/SATA 32x 2.5" NVMe
Disk Groups	1 or 5	Up to 5
Software Preloaded	VMware ESXi, vSAN (Activation licenses optional)	
Systems Management	Single pane of glass with Lenovo XClarity Integrator for VMware vCenter and VMware vSphere. Integrated management offering for discovery, monitoring, firmware updates, configurations, and workload migration	
License Options	Optional software licenses available through Lenovo OEM or standard VMware licenses	
Warranty Support	3- or 5-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades	

VX 4U Certified Nodes Specifications

The ThinkAgile VX 4U Certified Node is a 4U rack-mount system optimized for high-performance workloads including databases, e-mail and collaboration, and workload-balancing clusters.

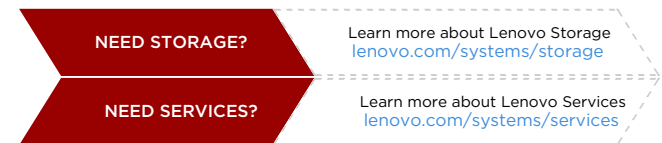
Model	VX 4U Certified Node
Workload	Databases and other high-performance storage
Form Factor	4U
Processor	4x 2nd Generation Intel® Xeon® Gold or Platinum processors
Memory	48x DIMMs, up to 12TB of TruDDR4 memory at 2933 MHz
Drive Bays	up to 24x SFF hot-swap drive bays
Disk Groups	2x up to 5x
Software Preloaded	VMware ESXi, vSAN (Activation licenses optional)
Systems Management	Single pane of glass with Lenovo XClarity Integrator for VMware vCenter and VMware vSphere. Integrated management offering for discovery, monitoring, firmware updates, configurations, and workload migration
License Options	Optional software licenses available through Lenovo OEM or standard VMware licenses
Warranty Support	3- or 5-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$70 billion revenue global technology powerhouse, ranked #159 in the Fortune Global 500, employing 75,000 people around the world, and serving millions of customers every day in 180 markets. Focused on a bold vision to deliver smarter technology for all, Lenovo is expanding into new growth areas of infrastructure, mobile, solutions and services. This transformation is building a more inclusive, trustworthy, and sustainable digital society for everyone, everywhere.

For More Information

To learn more about Lenovo ThinkAgile VX Certified Nodes, contact your Lenovo representative or Business Partner or visit lenovo.com/thinkagile



* Visit [Lenovo Servers Continue to Lead the Industry in Performance and Customer Value](#)

† [ITIC Global Reliability Study](#)

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