ThinkAgile VX Solution for SAP HANA

SAP HANA speed meets hyperconverged simplicity

Hyperconverged Simplicity in a VMware Virtualized Environment

The Lenovo Solution for SAP® HANA® on ThinkAgile VX offers businesses with SAP HANA deployments an opportunity to reap the efficiencies and cost savings of hyperconverged infrastructure powered by VMware vSAN technology. By migrating SAP landscapes and SAP HANA workloads from complex, multi-tiered legacy architectures to hyperconverged clusters, customers can enjoy the simplicity, scalability, and cost savings of hyperconverged infrastructure, which consolidates storage and compute into a single virtual pool. The result is a streamlined data center with reduced overhead and maintenance. Developed in close collaboration with SAP and VMware, the Lenovo Solution for SAP HANA on ThinkAgile VX provides mission-critical performance and 24/7 availability, plus easy scalability. The solution includes:

- VX 2U and 4U Certified Nodes utilizing the dramatic efficiency and cost savings of industry-leading VMware virtualization technology
- Two or four ultrapowerful Intel® Xeon® Gold or Platinum scalable processors
- Factory-integrated, validated, and preconfigured VMware ESXi hypervisor, vSphere server virtualization and vSAN storage virtualization software

- 24/7 Lenovo ThinkAgile Advantage single point of contact support, plus SAP HANA solution support from Lenovo's SAP experts
- Optional Lenovo Professional Services deployment of SAP HANA onsite for a seamless customer experience

Leverage Advanced Database Functionality

SAP HANA is used by organizations worldwide to help accelerate decision-making and gain insights into key trends hidden within their data. Companies can instantly access, model, and analyze all of their SAP business transactional and analytical data from virtually any data source in real-time. Operations can be simplified using a single copy of enterprise data, data transactions processed in-memory for faster performance, and advanced analytics leveraged to make smart decisions in real-time.

Lenovo is an SAP market leader, having teamed with SAP for more than 30 years and shipped more than 14,000 SAP HANA systems. Lenovo's deep heritage with SAP translates into a seamless customer experience — from initial planning and architecture through deployment, lifecycle management, and support.

ThinkAgile VX: Tight Integration with VMware

The ThinkAgile VX 2U and 4U Certified Nodes include vSAN-certified components and vSAN-certified firmware releases. They provide the simplest way to bring a new VMware hyperconverged environment online or they can easily integrate into an existing VMware environment.

Deliver Tremendous Reliability

Successfully running SAP HANA analytics workloads requires outstanding performance and 24/7 availability, plus easy scalability. Businesses that can accomplish this with minimized operating expenses and footprint can gain a long-term advantage over their competition.

Highlights

- Allows businesses to accelerate decision making and gain insights from their data
- Provides the simplicity, scalability, and cost-savings of a VMware hyperconverged infrastructure for SAP applications, including SAP HANA
- Optionally includes personalized, single point of contact support through Lenovo ThinkAgile Advantage
- Utilizes Lenovo's extensive expertise in the deployment and solution support of SAP HANA

As an SAP HANA market leader, Lenovo has teamed with SAP for more than 30 years and has shipped more than 14,000 SAP HANA systems. Lenovo's deep heritage with SAP translates into a seamless customer experience — from initial planning and architecture through deployment, lifecycle management, and support.

Accelerate SAP HANA Workloads

Designed for any size business from SMBs through large enterprises, ThinkAgile VX Series 2U and 4U Certified Nodes include ThinkAgile Advantage, a world-class support experience to ensure customers make the most of their ThinkAgile products and solutions.

A dedicated Lenovo specialist will be a single point of contact and own the support case end-to-end, for a faster and more seamless resolution. Additionally, in coordination with SAP, Lenovo's specialized SAP experts will provide SAP solution support.

Lenovo XClarity Integrator for VMware vCenter expands the virtualization management capabilities of vCenter with Lenovo XClarity systems management functionality. It provides the discovery, configuration, monitoring, event management, and power monitoring of Lenovo systems via a single, simple management interface.

Bottom Line

The Lenovo ThinkAgile VX Solution for SAP HANA enables businesses to accelerate decision making and gain insights into key trends locked in their data, while simplifying their IT infrastructure and driving down costs. The combination of preloaded easy-to-use VMware virtualization software on powerful, extremely reliable Lenovo hardware provides the ideal infrastructure platform for SAP HANA and other SAP applications.

ThinkAgile Advantage single point of contact and world-class Lenovo SAP solution support provide a seamless support experience, with the option to add Premier Support for four or five years.

ThinkAgile Advantage: Personalized Support

ThinkAgile Advantage provides a world-class experience for your ThinkAgile products and solutions. You'll skip the wait and connect directly with skilled technicians through your own dedicated phone line for real-time triaging and troubleshooting. As a single point of contact, your dedicated Lenovo specialist will own your support case end-to-end, ensuring a faster and more seamless resolution. You'll also enjoy faster time to value and reduced system disruption, thanks to the plan's hardware and software deployment benefit from the Lenovo Professional Services team. Finally, Lenovo's SAP experts provide SAP solution support.

ThinkAgile VX Solution for SAP HANA

The Lenovo ThinkAgile VX Solution for SAP HANA includes the the ThinkAgile VX 2U Certified Node for SAP HANA and the ThinkAgile VX 4U/4S Certified Node for SAP HANA.

Specifications

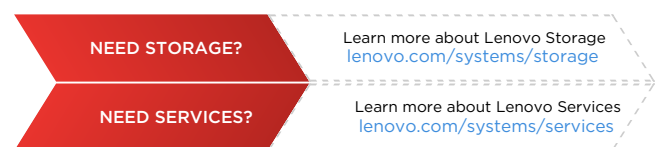| Product Name	ThinkAgile VX 2U	ThinkAgile VX 4U
Form Factor	2U	4U
Processors	2x second-generation Intel® Xeon® Gold or Platinum Scalable processors, up to 205W	2x or 4x second-generation Intel Xeon Gold or Platinum Scalable processors, up to 205W
Memory	384GB, 576GB, 768GB, 1.2TB, 1.5TB, 2.3TB, 3TB	384GB, 576GB, 768GB, 1.2TB, 1.5TB, 2.3TB, 3TB, 4.6TB, 6TB
Drive Bays	Up to 24 2.5-inch	Up to 24 2.5-inch
SAP HANA VMs per Node	2	4
vSAN Nodes per Cluster	4-64 nodes	
Drives Allowed	● Cache: Any Lenovo mainstream or performance NVMe or SSD ● Capacity: Select Lenovo entry, mainstream, or performance NVMe or SSD	
Network	Minimum 4 NIC ports required; Recommended 4 × 25GbE or higher	
Hypervisors Preloaded and Supported	VMware ESXi vSphere 6.7 U3; VMware vSAN V6.7 U3	

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US$45 billion Fortune 500 company and a global technology leader in driving Intelligent Transformation. Lenovo's data center solutions (ThinkSystem, ThinkAgile) are creating the capacity and computing power that are changing business and society.

For More Information

To learn more about ThinkAgile VX Solution for SAP HANA, contact your Lenovo representative or Business Partner, visit lenovo.com/thinkagile, or send an email to sapsolutions@lenovo.com

For detailed specifications, consult:

● Lenovo ThinkAgile VX Series
● ThinkAgile VX 4S 4U Certified Node for SAP HANA
● Best Practices for Deploying ThinkAgile VX with SAP

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