

# ThinkAgile HX Solution for SAP HANA

SAP HANA speed meets  
hyperconverged simplicity



## Deploy and Manage SAP HANA with Simplicity, Scalability

For decades, customers have trusted their mission-critical workloads to run on Lenovo's ultra-reliable, high-performing platforms. Now Lenovo offers businesses with SAP HANA deployments an opportunity to reap the efficiencies and cost savings of hyperconverged infrastructure (HCI) powered by Nutanix Enterprise Cloud software.

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 HCI, which consolidates storage and compute into a single virtual pool with a simple management interface. At the same time, hyperconverged customers can leverage their existing IT to deploy SAP HANA with the same streamlined results.

Engineered and optimized for SAP HANA, the Lenovo ThinkAgile HX Solution for SAP HANA on the 4U, 2- or 4-socket platforms and 1U and 2U, 2-socket platforms delivers extreme speed, availability, and data-center efficiency for SAP HANA workloads in hyperconverged clusters.

All solutions come backed by Lenovo Professional Services so you can rely on Lenovo's deep SAP expertise to deploy SAP HANA with confidence.

Developed in close collaboration with Lenovo's long-standing partners, SAP and Nutanix, the Lenovo ThinkAgile HX HANA Series includes:

- Mission-critical performance and ultra-reliability of Lenovo's platforms married with the dramatic efficiency and cost savings of the industry-leading Nutanix Enterprise Cloud OS
- Factory-integrated, validated, and configured with preloaded Nutanix software on Lenovo HX platforms, using best-recipe firmware
- Lenovo Professional Services deployment of SAP HANA software onsite for a seamless customer experience
- 24/7 Lenovo ThinkAgile Advantage Single Point of Support, plus SAP HANA solution support from Lenovo's SAP experts

## Deliver Greater Reliability, Performance

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.

Lenovo™

[WWW.LENOVO.COM](http://WWW.LENOVO.COM)

NUTANIX™



As an SAP HANA market leader, Lenovo has teamed with SAP for more than 30 years and has shipped more than 12,000 SAP HANA systems.

### Customer Satisfaction, World Records

Lenovo's deep heritage with SAP translates into a seamless customer experience — from initial planning and architecture through deployment, lifecycle management, and support. Also, for nearly five years in a row, Lenovo servers have ranked as the industry's most reliable platforms†.

They also hold the industry's highest customer satisfaction rating‡. As a result, you can run your SAP HANA workloads with outstanding uptime on ThinkAgile HX.

Lenovo XClarity, a fast and intuitive resource management tool, captures industry-leading proactive platform alerts, enabling administrators to migrate workloads or replace failing components without incurring downtime. ThinkAgile Network Orchestrator, an industry-first integration between Lenovo switches and Nutanix Prism, reduces human error and downtime by automating switch configuration in response to changes in the virtual network.

Plus, Lenovo platforms have a tradition of delivering world-record benchmarks, including the world records for SAP BW\* and SD2 tier performance.\*\* Run your SAP HANA workloads with blazing-fast speed, Lenovo uptime, and Nutanix simplicity.

### Bottom Line

ThinkAgile HX Series appliances, powered by Intel® Xeon® processors, 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 ThinkAgile HX Series models are backed by world-class Lenovo services and support.

### ThinkAgile Advantage: Personalized Support

ThinkAgile Advantage provides a first-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.

### 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 HX Solution for SAP HANA, contact your Lenovo representative or Business Partner or visit [lenovo.com/thinkagile](http://lenovo.com/thinkagile). For detailed specifications, consult:

- [ThinkAgile HX3320 Appliance for SAP HANA](#)
- [ThinkAgile HX7520 Appliance for SAP HANA](#)
- [ThinkAgile HX7820 Appliance for SAP HANA](#)
- [ThinkAgile HX3321 Certified Node for SAP HANA](#)
- [ThinkAgile HX7521 Certified Node for SAP HANA](#)
- [ThinkAgile HX7821 Certified Node for SAP HANA](#)

NEED STORAGE?

Learn more about Lenovo Storage  
[lenovo.com/systems/storage](http://lenovo.com/systems/storage)

NEED SERVICES?

Learn more about Lenovo Services  
[lenovo.com/systems/services](http://lenovo.com/systems/services)



## ThinkAgile HX Solution for SAP HANA

The Lenovo ThinkAgile HX Solution for SAP HANA includes the ThinkAgile HX7820 Appliance, HX7821 Certified Node, HX3320 Appliance, HX3321 Certified Node, HX7520 Appliance, and HX7521 Certified Node for SAP HANA.

### Specifications

Model Name	ThinkAgile HX3320/HX3321 for SAP HANA	ThinkAgile HX7520/HX7521 for SAP HANA	ThinkAgile HX7820/HX7821 for SAP HANA
Form Factor	1U	2U	4U
Processor	2x Intel® Xeon® Silver, Gold, or Platinum processors, up to 205W	2x Intel® Xeon® Silver, Gold, or Platinum processors, up to 165W	2x-4x Intel® Xeon® Gold or Platinum processors, up to 205W
Memory	192GB, 288GB, 384GB, 576GB, 768GB, 1.5TB, 2.3TB, 3TB (TruDDR4 2666MHz)	384GB, 576GB, 768GB, 1.5TB, 2.3TB, 3TB (TruDDR4 2666MHz)	384GB, 576GB, 768GB, 1.2TB, 1.5TB, 2.3TB, 3TB, 4.6TB, 6TB (TruDDR4 2666MHz)
Drive Bays	Up to 10 or 12 2.5-inch	Up to 24 2.5-inch	Up to 24 2.5-inch
SSD Options	8-12x 480GB, 800GB, 960GB, 1.6TB, 1.92TB, 3.84TB SAS and SATA SSDs	8-24x 480GB, 800GB, 960GB, 1.6TB, 1.92TB, 3.84TB SAS and SATA SSDs	4-24x 480GB, 800GB, 960GB, 1.6TB, 1.92TB, 3.84TB SAS and SATA SSDs
NVMe Options	2-4x 1.6TB or 3.2TB NVMe drives§	2-4x 1.6TB or 3.2TB NVMe drives	
10GBASE-T	2-8 ports		
10GbE SFP+	2-8 ports		
10/25GbE SFP28	0-4 ports		
Hypervisors Preloaded and Supported	Nutanix Acropolis Hypervisor		
Systems Management	Hardware management via Lenovo XClarity and software management via Nutanix Prism		
Software Licenses	Nutanix AOS Starter, Pro, or Ultimate license included with appliance; purchased separately with certified nodes. SAP HANA license obtained separately		
Lenovo Deployment Services	Lenovo Professional Services deployment of Nutanix software and SAP HANA included with appliance in select countries; optional with certified node***		
Warranty Support	<ul style="list-style-type: none"> <li>• 24/7 Lenovo ThinkAgile Advantage Single Point of Support in available countries</li> <li>• Lenovo SAP Solution Support</li> <li>• Lenovo 3-year or 5-year limited hardware warranty</li> </ul>		

† ITIC Global Reliability Study, [lenovopress.com/lp1117](http://lenovopress.com/lp1117). ‡ TBR Customer Satisfaction Study, [lenovopress.com/lp1118](http://lenovopress.com/lp1118). \* Visit [lenovopress.com/lp0795](http://lenovopress.com/lp0795) for more information. \*\* Visit [lenovopress.com/lp0896](http://lenovopress.com/lp0896) for more information. § Available in the second half of 2019. \*\*\* Mandatory in Asia Pacific countries and the People's Republic of China. Optional in all other countries.

© 2019 Lenovo. All rights reserved.

**Availability:** Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, write to: Lenovo Warranty Information, 1009 Think Place, Morrisville, NC, 27560. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, ThinkAgile, ThinkSystem, TruDDR4, and XClarity® are trademarks or registered trademarks of Lenovo. Intel® and Xeon® are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Other company, product, or service names may be trademarks or service marks of others. Document number DS0068, published September 13, 2018. For the latest version, go to [lenovopress.com/ds0068](http://lenovopress.com/ds0068).

