What's New - November 2018
Article

ThinkSystem Single-Socket Servers

In November, Lenovo announced four new servers, three available world-wide and one available to China customers.

ThinkSystem ST50

The Lenovo ThinkSystem ST50 provides an easily manageable, ideal first server for a small-to-medium-sized business, and remote or branch office, or retail environments looking to increase productivity. A value-optimized motherboard design paired with the latest Intel Xeon E-2100 processors offer an aggressive price point for the ST50 versus high-end desktops, and with higher enterprise-level capabilities than a desktop alternative.

The space-saving form factor and dynamic capabilities of the ST50 make it well suited for day-to-day computing, file management, printing, email, and web serving in distributed environments. Highly efficient fans keep the server cool and reduce noise in an office environment.

Learn more:

- Datasheet
- 3D Tour
- Walkthrough video
- Product Guide

ThinkSystem ST250

The Lenovo ThinkSystem ST250 is a fully-featured, single-socket, easily-managed rackable tower server for the small-to-medium-sized business (SMB) or remote office/ branch office (ROBO) environment.

The ST250 harnesses enterprise-level server power with the next-generation Intel Xeon E-2100 processors in tandem with a wide range of storage options and seamless integration with Lenovo's XClarity management system.

From web serving, system management, and near-side data backup, the ST250 supports several workloads. Intel SGX provides security for blockchain applications.

Learn more:

- Datasheet
- 3D Tour
- Walkthrough video
- Product Guide

ThinkSystem SR250

The Lenovo ThinkSystem SR250 is a single-processor rack server that integrates power, reliability, flexibility, and security in a compact 1U form factor suited for the small-to-medium business.

The SR250 boasts a high price-performance ratio with a combination of high-processing capability and dependability with next-generation Intel Xeon E-2100 processors and support for an array of storage configurations.

It provides the flexibility to handle workloads including web serving, virtualization, entry-cloud and data-analytics applications, while integrated Intel Software Guard Extensions (SGX) secure the SR250 for blockchain applications.

Learn more:

- Datasheet
- 3D Tour
- Walkthrough video
- Product Guide

ThinkSystem SR150 (China only)

Available only to customers in PRC, the Lenovo ThinkSystem SR150 is a value-oriented rack server for the growing small-to-medium-sized business (SMB). It delivers high-performance processing capacity with the latest Intel Xeon E processors, renowned Lenovo reliability, and built-in flexibility in a 1U form factor.

Ideal for web hosting, mail serving, file/print serving, video streaming, and even general purpose IT applications, the SR150 fits the bill for a multitude of workloads.
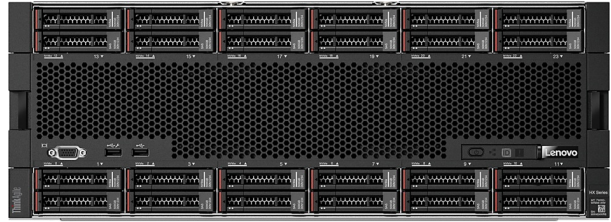
Learn more:

- Datasheet
- 3D Tour

ThinkAgile HX7820 and HX7821 for SAP HANA

Lenovo announced the ThinkAgile HX7820 Appliance and HX7821 Certified Node for SAP HANA that are certified by SAP for deploying SAP HANA solutions on hyperconverged infrastructure (HCI) in production environments. The HX7820 and HX7821 for SAP HANA are 4U rack-mount systems that support four processors, up to 3 TB of 2666 MHz TruDDR4 memory, up to 76.8 TB of all flash storage capacity with NVMe PCIe cache acceleration, and network connectivity with 1/10 GbE RJ-45, 10 GbE SFP+, and 10/25 GbE SFP28 ports.

For more information, refer to the following Lenovo Press publications:

- Lenovo ThinkAgile HX7820 Appliance for SAP HANA Product Guide
- Lenovo ThinkAgile HX7821 Certified Node for SAP HANA Product Guide
- ThinkAgile HX Solution for SAP HANA Datasheet

ThinkSystem NE2572O and NE10032O network switches

Announced in November are two new rack switches that support Open Network Install Environment (ONIE), which is open, standards-based boot code that provides a deployment environment for loading certified networking operating systems onto networking devices.

Learn about the switches with these resources:

Lenovo ThinkSystem NE2572O RackSwitch:

- Datasheet
- 3D Interactive Tour
- Product Guide

Lenovo ThinkSystem NE10032O RackSwitch:

- Datasheet
- 3D Interactive Tour
- Product Guide

ThinkSystem NE0152T and NE0152TO network switches

Also announced in November are two new Gigabit
Ethernet rack-mount switches that deliver low-latency,
line-rate switching performance and high availability
for cloud management environments.

The NE0152T and NE0152TO switches have 48x RJ-45 Gigabit Ethernet fixed ports and 4x SFP+ ports that
support 1 GbE and 10 GbE optical transceivers, active optical cables (AOCs), and direct attach copper
(DAC) cables. Featuring a small, 1U footprint, these switches are designed for management network and
access-layer deployments in data center infrastructures.

For more information, refer to the following Lenovo Press materials:

Lenovo ThinkSystem NE0152T RackSwitch:

- Datasheet
- 3D Interactive Tour
- Product Guide

Lenovo ThinkSystem NE0152TO RackSwitch:

- Product Guide

Related product families

Product families related to this document are the following:

- SAP Alliance

- ThinkAgile HX Series for Nutanix

- ThinkSystem SR150 Server

- ThinkSystem SR250 Server

- ThinkSystem ST250 Server

- ThinkSystem ST50 Server

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