

New ThinkSystem V4 Servers with Intel Xeon 6 Processors

Article

Lenovo has [announced](#) the new Lenovo ThinkSystem V4 portfolio of Intel®-based solutions, powered by Intel Xeon® 6 processors. ThinkSystem V4 servers are designed to make AI accessible while flexibly matching the specific workload needs of any business. The portfolio includes new AI-enabled solutions to help customers seamlessly integrate AI into their workflows with new servers that are purpose-built and optimized to maximize performance and efficiency for targeted workloads.

Learn more on the ThinkSystem V4 portfolio page: [Lenovo V4 Infrastructure Enabling AI at Any Scale](#)

ThinkSystem SR630 V4

The ThinkSystem SR630 V4 server features dual Intel Xeon 6700-series processors with new class of Efficient-cores (E-cores), offering up to 288 cores in a 1U server. The extreme core density boosts performance for high density and scale out workload in customer segments like cloud service providers (CSP) and telecommunication industry customers over the previous generation. The ThinkSystem SR630 V4 empowers CSP and Telco customers to streamline workloads, minimize data center space, and seamlessly prepare for future growth.



Figure 1. ThinkSystem SR630 V4

For more information, see these resources:

- [SR630 V4 datasheet](#)
- [SR630 V4 product web page](#)

ThinkSystem SD520 V4

Powered by the new Intel Xeon 6700-series processor with E-cores, the ThinkSystem SD520 V4 can accelerate parallel workloads for processing massive transactional data per second. The Intel Xeon 6 processor increases processing speed by maximizing core density with up to 576 cores per 2U chassis.

The multi-node format of the SD520 V4 in the ThinkSystem D3 Chassis adds greater flexibility to your rack space. Install 2, 3, or 4 nodes in a 2U chassis and easily scale out as needed.



Figure 2. Four ThinkSystem SD520 V4 servers installed in the ThinkSystem D3 Chassis

For more information, see these resources:

- [SD520 V4 datasheet](#)
- [SD520 V4 product web page](#)

Seller Training Courses

The following sales training courses are offered for employees and partners (login required). Courses are listed in date order.

1. **FY25Q1 Intel Xeon 6 Update**
2024-06-04 | 5 minutes | Employees and Partners

Lenovo is announcing two new servers based on the Intel® Xeon® 6 family of processors. The new Intel® Xeon® 6 family of processors builds on the previous processor generations, adding new features and improving others.

This Quick Hit introduces the new processor family and the Lenovo ThinkSystem SR630 V4 and SD520 V4 servers that use it.

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Length: 5 minutes

Employee link: [Grow@Lenovo](#)

Partner link: [Lenovo Partner Learning](#)

Course code: SXXW2535a

Related product families

Product families related to this document are the following:

- [ThinkSystem SD520 V4 Server](#)
- [ThinkSystem SR630 V4 Server](#)

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