

Introducing the ThinkSystem SE350

Article

New Class of Edge Servers

Today, you need computing resources, and therefore servers, almost everywhere—not just in the data center, but remotely as well. However, for performance reasons, your remote data-generating devices must be close to computing and storage resources. Hence the Lenovo ThinkSystem SE350 Edge server. Its small footprint and power efficiency allow for reliable server-class performance at many Edge locations.

The rugged SE350 can handle temperatures from 0° to 55°C, as well as tolerate locations with high-dust and vibration—such as construction site trailers and manufacturing floors. It can be deployed equally well in a traditional office or branch location due to its office-friendly acoustics. The half-width, short-depth, 1U SE350 can be installed almost anywhere: hung on a wall, stacked on a shelf, or mounted in a rack.

This high-performance server, using the Intel Xeon-D processor, features up to 16 cores, 256GB of RAM, and 16TB of internal solid-state storage. The SE350 also supports the NVIDIA Tesla T4 for workloads such as Edge Inferencing, making it an ideal solution for AI deployments.



Secure, Connected and Reliable

Every site is different, so ThinkSystem SE350 provides numerous connectivity options to meet your needs. Choices include wired 10/100Mb/1GbE, 1GbE SFP, and 10GbE SFP+, as well as secure wireless Wi-Fi and cellular LTE connections. This highly reliable server also offers essential cybersecurity capabilities, including key-encrypted storage and physical security features, such as a locking bezel, as well as intrusion and tamper-detection mechanisms.

It delivers the processing power, storage, accelerator, and networking capabilities needed for consolidation of traditional workloads, general-purpose applications, and Edge inferencing.

Learn more

To learn more about the SE350, see these resources:

- [Product Guide](#)
- [Lenovo DCSC configurator](#)

You can also watch our video with Wilfredo Sotolongo, VP of IoT in the Lenovo Infrastructure Solutions Group. [Watch the video on YouTube](#). For our visitors in China, [watch the video on Youku](#).

Other resources:

- [Future-ready Store Infrastructure Solutions datasheet](#)
- [Video Security and Surveillance Solutions datasheet](#)

Related product families

Product families related to this document are the following:

- [Edge Computing and Internet of Things \(IoT\)](#)
- [Edge Servers](#)
- [ThinkSystem SE350 Edge Server](#)
- [ThinkSystem SE350 Edge Server](#)

Notices

Lenovo may not offer the products, services, or features discussed in this document in all countries. Consult your local Lenovo representative for information on the products and services currently available in your area. Any reference to a Lenovo product, program, or service is not intended to state or imply that only that Lenovo product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any Lenovo intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any other product, program, or service. Lenovo may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

Lenovo (United States), Inc.
8001 Development Drive
Morrisville, NC 27560
U.S.A.
Attention: Lenovo Director of Licensing

LENOVO PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. Lenovo may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

The products described in this document are not intended for use in implantation or other life support applications where malfunction may result in injury or death to persons. The information contained in this document does not affect or change Lenovo product specifications or warranties. Nothing in this document shall operate as an express or implied license or indemnity under the intellectual property rights of Lenovo or third parties. All information contained in this document was obtained in specific environments and is presented as an illustration. The result obtained in other operating environments may vary. Lenovo may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Any references in this publication to non-Lenovo Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this Lenovo product, and use of those Web sites is at your own risk. Any performance data contained herein was determined in a controlled environment. Therefore, the result obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

© Copyright Lenovo 2023. All rights reserved.

This document, LP1069, was created or updated on August 28, 2019.

Send us your comments in one of the following ways:

- Use the online Contact us review form found at:
<https://lenovopress.lenovo.com/LP1069>
- Send your comments in an e-mail to:
comments@lenovopress.com

This document is available online at <https://lenovopress.lenovo.com/LP1069>.

Trademarks

Lenovo and the Lenovo logo are trademarks or registered trademarks of Lenovo in the United States, other countries, or both. A current list of Lenovo trademarks is available on the Web at <https://www.lenovo.com/us/en/legal/copytrade/>.

The following terms are trademarks of Lenovo in the United States, other countries, or both:

Lenovo®

ThinkSystem®

The following terms are trademarks of other companies:

Intel® and Xeon® are trademarks of Intel Corporation or its subsidiaries.

Other company, product, or service names may be trademarks or service marks of others.