ThinkEdge SE350 V2

Purpose-built, Edge server



Purpose Built Edge Server for Compute & Storage

Today, remote locations are forced to make a choice between underpowered IOT gateways and PCs, or overpowered and non-rugged datacenter centric servers. Now they have an option—a right-sized compact compute and storage server designed specifically to meet the needs of remote locations.

The Lenovo ThinkEdge SE350 V2 is an Intel® Xeon® D-2700-based 1U height, half-width, and short-depth Edge server that can go anywhere. It can be hung on a wall, ceiling, standalone on a desk, or mounted in a rack. This rugged Edge server can handle temperatures from 0-55°C as well as tolerance to locations with high-dust and vibration.

The SE350 V2 is designed to virtualize traditional IT and OT applications as well as new transformative Edge computing systems, providing the processing power, storage, and networking techniques required for today's Edge workloads.

Secure, Connected and Reliable

At Lenovo, security begins with design and continues through supply chain, delivery, and the full lifecycle of the system.

The SE350 V2 equips ThinkShield security with cybersecurity capabilities with key encrypted storage and secured bios, and physical security capabilities such as a locking bezel, intrusion and tamper protection mechanisms.

The SE350 V2 provides numerous connectivity options with 2.5G industry TSN networking and 1G/10G/25G wired connection abilities. Reliability features such as redundant boot and data drives, high temperature components and support for hyperconverged clustering keep critical Edge workloads running.

Agility and Remote Manageability

It is costly and time consuming to send IT staff to remote sites. The SE350 V2 features XClarity Controller, an enterprise-grade embedded management engine. It also supports XClarity Administrator, which enables IT managers to efficiently maintain server, storage, and networking infrastructure and accelerate services provisioning.

In addition to a dedicated wired networking management port, the SE350 V2 can deliver management switchable so IT managers can perform updates, management tasks, and access sites from 1G/2.5G/10G/25G traffic port.

Specifications

Form Factor	1U height, half width edge server; Height: 41.7mm, Width: 209mm, Depth: 384mm
Processor	1-socket Intel® Xeon® D-2700, up to 16 cores
Memory	Up to 256GB in 4x slots, using 64GB DIMMs; 3200MHz TruDDR4
Storage Options	• 2x M.2 2280 NVMe boot drives + 4x 2.5″ 7mm HS NVMe/SATA data storage drives ◦ 2x M.2 2280 NVMe boot drives + 2x 2.5″ 15mm HS NVMe/SATA data storage drives • SED, high temperature, high capacity, and high endurance drive options • Optional encryption key deletion on tamper or theft detection
RAID Support	• RAID 0, 1 for boot drives • RAID 0, 1, 5, 10 for data drives
Mounting Options	• Single node mounting options for desktop, VESA, DIN, wall, or ceiling • 1U2N Enclosure for two nodes side-by-side and internal power supply. Depth: 476.1mm, Height: 1U • 1U2N Enclosure for two nodes side-by-side and 4x external power supplies. Depth: 771.1mm, Height: 1U • 2U2N Short Depth Enclosure for two nodes sides by side + 4x power supplies: Depth: 476.1mm, Height: 2U • Locking bezels and dust filter options
Power	• Dual-redundant external power supplies 300W 115V/230V AC • Dual DC supply: 12V-48VDC • Single internal AC power supply: 500W
Network Interfaces (Wired)	• 4x 10GbE/25GbE SFP+/SFP28 • 2x 2.5GbE TSN • 1GbE RJ45 management port; or • 4x 1GbE • 2x 2.5GbE TSN • 1GbE RJ45 management port
Accelerators and PCIe Expansion	• N/A
I/O	• Front: 2x USB 3.2 Gen 1 (Type-A) + 1x BMC USB 2.0 (Type-C), 1x Display USB-C (USB 2.0 + Display Port (video) / USB 3.2 Gen 1 auto switch), 1x BMC serial RJ45 management port • Rear: 1x RJ45 Console Serial Port (can be disabled)
Systems Management	Lenovo XClarity Administrator with mobile option
Environmental	Extended operating temperature of 0-55°C, up to 40G shock & 1.91Grms vibration, IEC 60068, optional dust filter
Security	• ThinkShield Key Vault secure management with motion and intrusion tamper protection • Optional Key Vault SED encrypted storage for boot and data drives • Lenovo Trusted Supplier Program, Secure boot, and Smart USB Protections • Optional Kensington keyed lock compatible chassis • Nationz TPM 2.0 for customers in China • Cable locking bezel
Operating Systems	Microsoft Windows Server, SLES, Ubuntu, RHEL, VMware ESXi, vSAN. Visit lenovopress.lenovo.com/osig for details.
Limited Warranty	3-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades

View in Augmented Reality

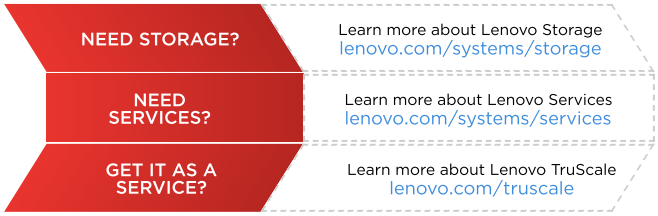
Scan the QR code below using your smartphone or tablet to view the server in augmented reality.

About Lenovo

Lenovo is a US$83 billion revenue global technology powerhouse, ranked #153 in the Fortune Global 500, and serving millions of customers every day in 180 markets. Guided by its **vision** of "Smarter Technology for All", Lenovo is executing a **Hybrid AI strategy** that spans Personal AI – one personal AI, multiple devices; and Enterprise AI – helping customers turn data into insights and value. This strategy is delivered through the Group's commitment to **world-class innovation** and a full-stack AI portfolio, including devices, infrastructure solutions, software, and services. Lenovo is widely recognized for its **operational excellence**, with a global footprint spanning more than 20 R&D locations and a supply chain that includes more than 30 manufacturing sites across 10 markets.

For More Information

To learn more about the ThinkEdge SE350 V2, contact your Lenovo representative or Business Partner, or visit lenovo.com/systems/servers. For more details consult the SE350 V2 Product Guide, lenovopress.lenovo.com/lp1676.



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