ThinkEdge SE360 V2

Compact and Secure with Rugged Reliability

Edge Computing and Storage Meet Purpose-Built Design

Computing at the Edge used to mean making tough choices between underpowered IOT gateways and PCs, or overpowered and non-rugged datacenter centric servers, and those choices had an affect important business decisions. But now, there's a new option a right-sized compact compute and storage server designed specifically to meet the needs of remote locations.

The Lenovo ThinkEdge SE360 V2 is an Intel® Xeon® D-2700 based 2U height, half-width, and short-depth Edge server that can go anywhere. It can be hung on a wall, ceiling, stand alone 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 and it can support extreme temperature from -20-65°C* with certain configurations.

The SE360 V2 is designed to virtualize traditional IT and OT applications as well as new transformative Edge AI systems, providing the processing power, storage, accelerator, and networking techniques required for today's Edge workloads.

Security, Connectivity and Reliability

Lenovo's dedication to security begins with our purposeful design process and continues all the way through our supply chain, on through delivery, and the entire system lifecycle.

The SE360 V2 features Lenovo ThinkShield security with cybersecurity capabilities including key-encrypted storage and secured bios, and physical security features such as a locking bezel coupled with intrusion and tamper protection mechanisms.

The SE360 V2 offers the latest in connectivity options with wired and secure wireless WLAN and Bluetooth features. Critical Edge workloads stay up and running thanks to reliability features such as wireless failover, redundant boot and data drives, high temperature components, and support for hyperconverged clustering.

Flexible, Streamlined, Remote Manageability

Sending IT staff to remote locations is costly, time consuming, and increases your carbon footprint.

The SE360 V2 solves these challenges with an enterprise-grade embedded management engine, the XClarity Controller. It also supports XClarity Administrator, which enables IT managers to efficiently maintain server, storage, and networking infrastructure and accelerate services provisioning.

When something other than the dedicated wired networking management port is needed, the SE360 V2 can deliver management over a secure wireless connection. IT managers can perform updates, management tasks, and access sites even when the primary site's internet connection is down.

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Specifications

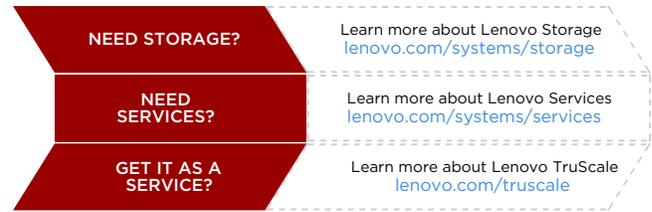|	
Form Factor	2U height, half width edge server; Height: 84.5mm, Width: 212mm, Depth: 317.5mm
Processor	1-socket Intel® Xeon® D-2700, up to 16 cores
Memory	Up to 256GB in 4x slots, using 64GB DIMMs; 3200MHz TruDDR4
Storage Options	• Up to 2x SATA/NVMe 2.5″ 7mm drives HS; Up to 8x M.2 using NVMe data storage drives • 2x M.2 2280 NVMe boot 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 • 2U2N Short Depth Enclosure for two nodes sides by side: Depth: 466mm, 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
Network Interfaces (Wireless)	• Four wireless SMA connectors for WLAN • 1 wireless SMA connector for Bluetooth • WLAN 128/192-bits encrypted WPA2, WPA3 802.11 a/b/g/n/ac/ax • Geotracking

Accelerators and PCIe Expansion	• 1x PCIe G4 x16 HHHL(75W) + 1x PCIe G4 x16 FHHL(150W)
	• Support for NVIDIA A2, NVIDIA L4, Intel® Data Center GPU Flex 140*, Qualcomm Cloud AI 100
	• Support for AI inference
	• Support for GPU, FGPA, ASIC accelerators
	• 2x PCIe network card expansion
	  ○ 4x 1GbE RJ45 PCIe
	  ○ 4x 10GBASE-T PCIe
	  ○ 2x 10G/25G SFP28 PCIe

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 USB and Console ports can be disabled
Systems Management	Lenovo XClarity Administrator with mobile option
Environmental	Extended operating temperature of 0-55°C, support -20-65°C* with certain configuration, up to 40G shock & 1.91Grms vibration, IEC 60068, optional dust filter, IP3X, Marine certification*
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, Lenovo WLAN Security, Lenovo Bluetooth Security • Optional Kensington keyed lock compatible chassis • Nationz TPM 2.0 for customers in China • Cable locking bezel • Geotracking
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

*Features coming soon

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US$62 billion revenue global technology powerhouse, ranked #171 in the Fortune Global 500, employing 77,000 people around the world, and serving millions of customers every day in 180 markets. Focused on a bold vision to deliver smarter technology for all, Lenovo is expanding into new growth areas of infrastructure, mobile, solutions and services. This transformation is building a more inclusive, trustworthy, and sustainable digital society for everyone, everywhere.

For More Information

To learn more about the ThinkEdge SE360 V2, contact your Lenovo representative or Business Partner, or visit lenovo.com/systems/servers. For more details consult the SE360 V2 Product Guide, lenovopress.lenovo.com/lp1677.

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