

ThinkEdge SE30

A versatile gateway for your IoT ecosystem, the ThinkEdge SE30 comes with edge-computing capabilities – with Intel® Core™ i5 processor, up to 16GB DDR4 memory and 2x2TB M.2 PCIe SSD storage. There are plenty of ports, wireless connectivity options and an optional I/O BOX, to connect everything from sensors, IoT endpoints, and legacy devices to cloud-based servers.



The compact size with options for VESA, DIN-rail and wall mounting means it can be placed almost anywhere – from controlled testing environments indoors to remote field locations. There's a Kensington™ lock slot to protect against device theft.

Supports Wi-Fi, Bluetooth®, and 4G LTE or 5G WWAN wireless connections to efficiently transport IoT data to the cloud or the data center - plus a scalable IOBOX for additional connectivity.

With an ultra-small form factor (0.81L), the SE30 packs more computing power into a smaller footprint. Easy to mount, it can be tucked behind a monitor, placed under the desk, or mounted on the wall—wherever you like it.

Rugged compact performance primed for business

Lenovo's range of globally certified ThinkEdge® PCs gives modern businesses greater power in a smaller footprint, so reliable processing power can be discreetly tucked away at the edge of the business, ready for action.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Premier Support

- Talk directly with advanced technical support agents
- Support for software & hardware
- Next business day onsite repairs

Accessories

ThinkCentre Nano IoT IOBOX

- Connects to Nano IoT PCs via a Type-C connection to support additional I/O features such as Power over Ethernet (PoE), Digital Input/Output, and a Serial Port.
- Single-cable support for voltage input to the IOBOX and Nano IoT PC simultaneously.
- Compatible with ThinkCentre Nano IoT fan-less model PC.



PN: 4XH0X77236

ThinkCentre Nano Power Cage Kit

- Integrate a power supply alongside a ThinkCentre Nano for tidier cable routing
- Fits 65W & 90W Lenovo power adapters smaller than 105x44x28mm (4.1x1.7x1.1")
- VESA mounting can be attached behind displays or secured on walls, ceilings & furniture



PN: 4XF0V81631

ThinkEdge SE30

Performance

Processor Intel Celeron, or 11th Gen Intel Core i3 / i5
Operating System Ubuntu Core 20 64 Bit (kernel 5.13), Ubuntu (Server) 20.04 LTS 64 Bit (kernel 5.13), For SKU operational temperature range: -20~60°C Ubuntu Core 22 64 Bit (kernel 5.15), Ubuntu (Server) 22.04 LTS 64 Bit (kernel 5.15), For SKU operational temperature range: 0-50°C; For no WWAN models) Windows 10 IoT Enterprise LTSC 2019, For SKU operational temperature range: -20~60°C; For no Qualcomm Snapdragon X55 5G models Windows 10 IoT Enterprise LTSC 2021 Windows 11 IoT Enterprise LTSC 2024 No operating system
Graphics Intel UHD Graphics (integrated) Intel Iris Xe Graphics eligible (integrated)
Memory 8GB DDR4-3200, soldered 16GB DDR4-3200, soldered
Storage^{1 2} Up to 2x 2TB M.2 2280 PCIe NVMe SSD RAID 0/1 support
¹ The storage capacity supported is based on the test results with current Lenovo storage offerings.
² RAID preset is available via special bid, limited to the models with Windows 10 IoT Enterprise.
Power Supply* 65W 89% adapter 65W 88% adapter, 115-230V, for SE30 (0~50°C) only 9~36V DC via IOBOX* No power supply

Design

Dimensions³ IO box: 178 x 88 x 25.6 mm (7.01 x 3.46 x 1.00 inches) ThinkEdge SE30: 179 x 88 x 51.5 mm (7.05 x 3.46 x 2.03 inches)
³ The system dimensions may vary depending on configurations.
Weight⁴ IO box: Around 0.499 kg (1.10 lbs) ThinkEdge SE30: Around 1.02 kg (2.25 lbs)
⁴ The system weight is approximate and may vary depending on configurations

Connectivity

Ethernet 1x Gigabit Ethernet 1x 2.5GbE
WLAN + Bluetooth*⁵ Intel Wireless-AC 9260, 802.11ac (Wi-Fi 5), Bluetooth 5.0, Intel vPro technology support Intel Wireless-AC 9260, 802.11ac (Wi-Fi 5), Bluetooth 5.0 Intel Wi-Fi 6 AX201, 802.11ax, Bluetooth 5.1, Intel vPro technology support Intel Wi-Fi 6 AX201, 802.11ax, Bluetooth 5.1 No WLAN and Bluetooth
⁵ Bluetooth 5.1 is hardware ready but may run at a lower version due to OS limitations
WWAN*⁶ 4G LTE CAT16* 5G Sub-6 GHz*
⁶ WWAN cards for 11NA, 11NB, 11NC, 11NJ models only

Front ports 2x USB 3.2 Gen 2 1x USB-C 3.2 Gen 2 (support data transfer and display) 1x headphone / microphone combo jack (3.5mm) 2x serial (RS232 / RS422 / RS485, BIOS selectable) 2x gigabit Ethernet (RJ-45) on SE30 IO box* 2x serial (RS232 / RS422 / RS485, SDK selectable) on IO box*

Rear ports⁷ 1x USB 3.2 Gen 2 1x HDMI 1.4b (for i3 models) 1x DisplayPort 1.4a (for i5 models) 1x Thunderbolt 4 / USB4 40Gbps (data, PD 5V@3A, display) 2x Ethernet (RJ-45) 1x power connector 1x USB-C 3.2 Gen 1 on IO box, connect to SE30* 1x DC-in 3pin Phoenix connector on IO box* 1x DIO (4DI / 4DO) on IO box*
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⁷If IO box gets power supply from ThinkEdge SE30, need to connect USB-C (on IO box) with Thunderbolt 4 port (on SE30).

Security & Privacy

Security Discrete TPM 2.0 Kensington Security Slot, 3 x 7 mm Chassis intrusion switch

Manageability

System Management*⁸ Intel vPro with Intel AMT 15.0*
⁸ Intel vPro offers a superset of DASH's defined capabilities.

Lenovo services

Base Warranty Up to 3-year limited onsite service

Certifications

Green Certifications⁹ ErP Lot 6/26 Low Halogen RoHS compliant REACH PCF TED (ECO-declaration) WEEE
⁹ The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.
Other Certifications SAFETY: UL (ETL), CB, CCC, BSMI EMC: CE/FCC Class B, CCC, BSMI MIL-STD-810H military test passed