

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

¹The storage capacity supported is based on the test results with current Lenovo storage offerings.

²RAID 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)

³The 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)

⁴The system weight is approximate and may vary depending on configurations

Connectivity

Ethernet

1x Gigabit Ethernet
1x 2.5GbE

WLAN + Bluetooth⁵

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

⁵Bluetooth 5.1 is hardware ready but may run at a lower version due to OS limitations

WWAN⁶

4G LTE CAT16*
5G Sub-6 GHz*

⁶WWAN 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*

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 Management⁸

Intel vPro with Intel AMT 15.0*

⁸Intel 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

⁹The 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