

# 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<sup>1 2</sup>

Up to 2x 2TB M.2 2280 PCIe NVMe SSD  
 RAID 0/1 support

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

<sup>2</sup>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

### Dimensions<sup>3</sup>

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)

<sup>3</sup>The system dimensions may vary depending on configurations.

### Weight<sup>4</sup>

IO box:  
 Around 0.499 kg (1.10 lbs)  
 ThinkEdge SE30:  
 Around 1.02 kg (2.25 lbs)

<sup>4</sup>The system weight is approximate and may vary depending on configurations

## Connectivity

### Ethernet

1x Gigabit Ethernet  
 1x 2.5GbE

### WLAN + Bluetooth<sup>5</sup>

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

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

### WWAN\*<sup>6</sup>

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

<sup>6</sup>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 ports<sup>7</sup>

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\*

<sup>7</sup>If 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\*<sup>8</sup>

Intel vPro with Intel AMT 15.0\*

<sup>8</sup>Intel vPro offers a superset of DASH's defined capabilities.

## Lenovo services

### Base Warranty

Up to 3-year limited onsite service

## Certifications

### Green Certifications<sup>9</sup>

ErP Lot 6/26  
 Low Halogen  
 RoHS compliant  
 REACH  
 PCF  
 TED (ECO-declaration)  
 WEEE

<sup>9</sup>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