

# ThinkEdge SE10

This next-level AI-edge platform is a powerful addition to an organization's IoT ecosystem and can modernize its surveillance system. Packed with Ubuntu Linux processors, up to 64GB DDR4 memory and up to 2 TB SSD storage, it's designed to empower enterprises and transform your normal IP camera into a computer-vision (CV)-enabled surveillance system. There are plenty of ports and wireless connectivity options to connect everything from sensors, IoT endpoints, and legacy devices to cloud-based servers.



Lenovo ThinkShield security solutions including a discrete TPM 2.0 chip for data encryption provide comprehensive end-to-end security, whether protecting against any potential data breach attempts or ensuring the security of the device itself.

Connectivity options include Wi-Fi, Bluetooth, 4G LTE or WWAN for transporting IoT data to the business cloud without any hassle.

With advanced power management features and a 15W CPU, this device is one of our most energy efficient computers. Optimized to reduce power consumption, with Energy Star® and EPEAT® Silver certifications.

## Mainstream computing for a variety of business uses

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..



### Return To Depot Repair Warranty

No-hassle repair process at a Lenovo service center  
 Lenovo pays for all shipping between the customer and service facility  
 Avoid unplanned operational expense with a simple annual fee

## Accessories

### Lenovo Professional Wireless Keyboard & Mouse

Wireless keyboard and mouse combo with reliable 2.4 GHz wireless connection  
 Slim keyboard with number pad, noise-suppression design, dedicated media controls & adjustable tilt legs  
 Contoured design of the mouse suits both left-handed & right-handed users



PN: 4X30H56796

### Lenovo Go Wireless Multi-Device Mouse

Compact ambidextrous design, programmable Utility Button on the side, default functions optimized for Teams calls  
 Connects to up to 3 devices via 1x USB-C dongle, 2x Bluetooth 5.0; quick switch button to jump control across devices  
 Comes with a blue optical sensor that tracks on most surfaces and wireless Qi or wired USB-C fast-chargeable battery



PN: 4Y51C21217

# ThinkEdge SE10

## Performance

### Processor

Intel Atom x6214RE, x6425RE

### Operating System

Windows 10 IoT Enterprise LTSC 2021  
Ubuntu Core 22 (kernel 5.15)  
Ubuntu Server 22.04 (kernel 5.15)

### Graphics

Intel UHD Graphics (integrated)

### Memory

Up to 32GB DDR4-3200, 2x SO-DIMM

### Storage <sup>1</sup>

Up to two drives, 64GB eMMC 5.1 on systemboard + 1x M.2 SSD  
· M.2 SSD up to 2TB

<sup>1</sup>The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

### Power Supply

90W 89% adapter  
65W 88% adapter  
65W 89% adapter

## Design

### Dimensions <sup>2</sup>

1.4L models: 179 x 135 x 60 mm (7.05 x 5.31 x 1.45 inches)  
0.8L models: 179 x 135 x 34.5 mm (7.05 x 5.31 x 1.35 inches)

<sup>2</sup>The system dimensions may vary depending on configurations.

### Weight <sup>3</sup>

1.4L models: 2.6 kg (5.73 lb)  
0.8L models: 1.5 kg (3.31 lb)

<sup>3</sup>The system weight is approximate and may vary depending on configurations

## Connectivity

### Ethernet

2x 2.5GbE

### WLAN + Bluetooth

802.11ac (Wi-Fi 5) or 802.11ax (Wi-Fi 6), Bluetooth 5.1  
Up to Intel Wi-Fi 6E AX210 11ax Bluetooth 5.1

### WWAN

4G LTE

### Front ports

2x Serial (RS232 / RS422 / RS485, BIOS selectable)  
2x USB 3.2 Gen 2  
1x line-out (3.5mm)  
1x microphone (3.5mm)  
3x LED (LED1: storage / LED2: Wireless / LED3: reserved for 4G)  
2x 2.5 GbE (RJ-45, PoE, PSE 15.4W) (Expansion IO, Isolation)\*  
2x CAN (BUS / OPEN) (Expansion IO, Isolation)\*  
2x Serial (RS232 / RS422 / RS485, Driver selectable) (Expansion IO, Isolation)\*  
2x RP-SMA Female, WWAN antenna\*  
4x DI / 4x DO (Isolation)\*

### Rear ports

1x HDMI 1.4b  
1x DisplayPort 1.4  
2x USB 2.0  
2x 2.5GbE Ethernet (RJ-45)  
1x Slim Tip power connector (for Non-wide temperature models 12NH/12NJ/12NQ/12NR)  
1x DC-in 3pin Phoenix connector for 9-36V WDC (for wide temperature models 12NK/12NL/12NS/12NT/12NM/12NN)  
1x 2pin remote power switch (for wide temperature models 12NK/12NL/12NS/12NT/12NM/12NN)  
2x RP-SMA Female, Wi-Fi antenna\*

### Left ports

1x Nano SIM slot  
1x SD card slot

## Security & Privacy

Discrete TPM 2.0  
NITS SP800-147B compliant  
ThinkShield

## Lenovo services

1-year courier or carry-in service  
1-year limited onsite service  
3-year limited onsite service

## Certifications

### Green Certifications <sup>4</sup>

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

<sup>4</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

### Other Certifications

Microsoft Azure IoT Edge certified  
AWS IoT Greengrass certified  
Ubuntu Core certified  
Ubuntu Server certified  
Red Hat Enterprise Linux certified