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

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

Power Supply
90W 89% adapter
65W 88% adapter
65W 89% adapter

Design

Dimensions [2]
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)

[2]The system dimensions may vary depending on configurations.

Weight [3]
1.4L models: 2.6 kg (5.73 lb)
0.8L models: 1.5 kg (3.31 lb)

[3]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 [4]
ErP Lot 6/26
Low Halogen
RoHS compliant
REACH
TED (ECO-declaration)
WEEE

[4]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