

# ThinkEdge SE70

A versatile gateway for your IoT ecosystem, this new IoT device comes with edge-computing capabilities – Linux processors, up to 8GB DDR4 memory and ultra-fast M.2 PCIe SSD storage. There are plenty of ports and wireless connectivity options to connect everything from sensors, IoT endpoints, and legacy devices to cloud-based servers. Powered by the NVIDIA Jetson Xavier NX, it's designed to empower enterprises and transform your normal IP camera into a computer-vision (CV)-enabled surveillance system.



## 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 ThinkShield security solutions, including built-in, self-healing BIOS and self-encrypting drives in ThinkEdge® devices, provide comprehensive end-to-end security – from manufacturing and platform security to data protection and device management.

An AI-edge platform for enterprise, powered by NVIDIA® Jetson™ Xavier™ NX platform and supported by AWS Panorama, transforms your business operations and services with its power of automation and analytics.

With an ultra-small form factor, the SE70 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.

## 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 SE70

## Performance

**Processor**  
Nvidia Jetson Xavier NX 8GB /16GB

**Operating System**  
AWS Panorama SKU:  
Linux for Tegra (Ubuntu Desktop 18.04, kernel 4.9, Jetpack v4.5.1 SDK), with AWS Panorama, OTA  
Linux for Tegra (Ubuntu Desktop 18.04, kernel 4.9, Jetpack v4.5.1 SDK), with AWS Panorama, OTA, available with OTA patch

Generic SKU:  
Linux for Tegra (Ubuntu Desktop 18.04, kernel 4.9, Jetpack v4.5.1 SDK)  
Linux for Tegra (Ubuntu Desktop 20.04, kernel 5.10, Jetpack v5.0.2 SDK), with OTA  
Linux for Tegra (Ubuntu Desktop 20.04, kernel 5.10, Jetpack v5.1.1 SDK), with OTA

**Memory**  
Up to 16GB LPDDR4x-1866, soldered

**Storage <sup>1</sup>**  
Up to two drives, 16GB eMMC 5.1 on SOM + 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.

**Power Supply\***  
65W 89% Adapter (Wide Temperature)  
DC-In Connector (Wide Voltage 9-48V)

## Design

**Dimensions <sup>2</sup>**  
1.6L models:  
191 x 128 x 65 mm (7.52 x 5.04 x 2.56 inches)

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

**Weight <sup>3</sup>**  
1.6L models:  
1.857 kg (4.09 lbs)

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

## Connectivity

**Ethernet**  
2x Gigabit Ethernet, 2x RJ-45

**WLAN + Bluetooth\***  
802.11ac (Wi-Fi 5) or 802.11ax (Wi-Fi 6), Bluetooth 5.1  
Up to Intel Wi-Fi 6 AX210 11ax Bluetooth 5.1

**Front ports**  
4x USB 3.2 Gen 1 (4 ports share 5Gbps bandwidth)  
1x USB On-The-Go (OTG), USB 2.0 Micro-B, for flashing image only  
1x headphone / microphone combo jack (3.5mm)  
1x microSD card slot  
1x CAN BUS  
1x HDMI 1.4  
1x 4-channel DIO (4DI / 4DO)

**Rear ports**  
2x Serial (RS232 / RS422 / RS485, SDK selectable)  
2x GbE Ethernet (RJ-45), supports POE (802.3af, PSE 15.4W)  
1x Slim Tip power connector, for models with AC adapter only  
1x DC-in connector (4 pin Phoenix connector), for models with DC-in only

## Security & Privacy

**Security**  
Kensington MicroSaver Slot

## Lenovo services

**Base Warranty**  
Up to 3-year carry-in service

## Certifications

**Green Certifications <sup>4</sup>**  
CEL  
JEL  
Low Halogen  
RoHS compliant  
REACH  
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 for generic version only  
AWS IoT Greengrass for generic version only  
AWS Panorama for AWS version only