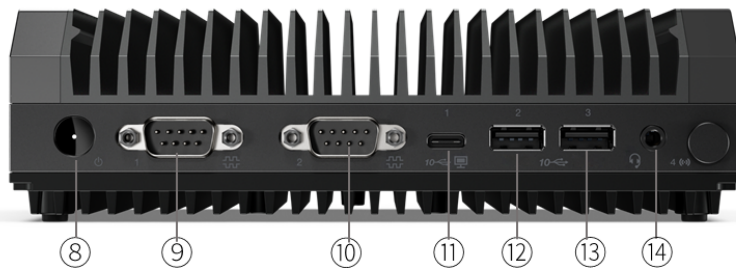
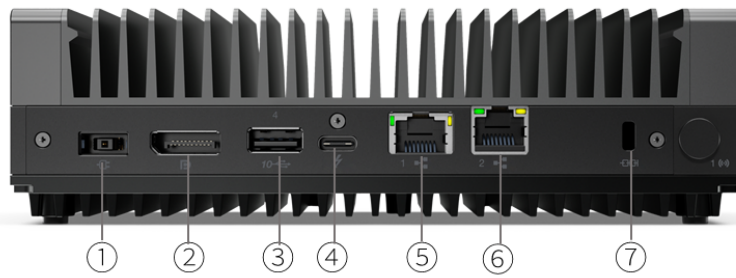


**OVERVIEW**



1. Power connector	8. Power button
2. HDMI (for i3) / DisplayPort (for i5)	9. Serial
3. USB 3.2 Gen 2	10. Serial
4. Thunderbolt 4	11. USB-C 3.2 Gen 2
5. Ethernet (RJ-45)	12. USB 3.2 Gen 2
6. Ethernet (RJ-45)	13. USB 3.2 Gen 2
7. Kensington Security Slot	14. Headphone / microphone combo jack (3.5mm)

## PERFORMANCE

### Processor

#### Processor Family

11th Generation Intel® Core™ i3 / i5 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-1115GRE	2	4	2.2GHz	3.9GHz	6MB	DDR4-3200	Intel UHD Graphics
Core i5-1145GRE	4	8	1.5GHz	4.1GHz	8MB	DDR4-3200	Intel Iris® Xe Graphics

### Operating System

#### Operating System

- Windows® 10 IoT Enterprise
- Linux Ubuntu Core
- Linux Ubuntu Server
- No operating system

### Graphics

#### Graphics

Graphics	Type	Memory	Boost Clock	TGP	Connector	Max Resolution	Key Features	Remark
Intel UHD graphics	Integrated	Shared	-	-	1x HDMI® 1.4b, 1x USB-C, 1x Thunderbolt™	3840x2160@30Hz(HDMI), 3840x2160@60Hz(USB-C), 3840x2160@60Hz(Thunderbolt)	DirectX® 12	-
Intel Iris Xe Graphics	Integrated	Shared	-	-	1x DP 1.4a, 1x USB-C, 1x Thunderbolt	3840x2160@60Hz(DP), 3840x2160@60Hz(USB-C), 3840x2160@60Hz(Thunderbolt)	DirectX 12	-

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays via onboard ports (HDMI/DP + USB-C + Thunderbolt)

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Memory Type

DDR4-3200

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Protection<sup>[1]</sup>

IB-ECC

#### Max Memory<sup>[2]</sup>

Soldered memory, not upgradable

#### Notes:

1. IB-ECC needs to be enabled in BIOS
2. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

### Storage

#### Storage Support

Up to two drives, 2x M.2 2230 SSD

- M.2 2230 SSD up to 1TB each
- RAID 0/1 support

**RAID<sup>[1]</sup>**

RAID 0/1 support

**Storage Type**

Disk Type	Interface	RPM	Security
M.2 2230 SSD	PCIe NVMe, PCIe 3.0	-	Opal
M.2 2230 SSD	PCIe NVMe, PCIe 3.0	-	-

**Notes:**

1. RAID preset is available via special bid models

**Power Supply****Power Supply**

Power	Type	Efficiency	Key Features
65W	Adapter	89%	Autosensing
No power supply	-	-	-

**DESIGN****Input Device****Keyboard**

- Lenovo Calliope Keyboard (USB connector), black
- Lenovo Calliope Wireless Keyboard, black
- Lenovo Traditional Keyboard (USB connector), black
- No keyboard

**Mouse**

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Fingerprint Mouse (USB connector), black
- No mouse

**Mechanical****Dimensions (WxDxH)**

Models	Dimensions
ThinkEdge SE30	WxDxH: 179 x 88 x 51.5 mm (7.05 x 3.46 x 2.03 inches)
IO box	WxDxH: 178 x 88 x 25.6 mm (7.01 x 3.46 x 1.00 inches)

**Weight**

Models	Weight
ThinkEdge SE30	1.02 kg (2.25 lbs)
IO box	0.499 kg (1.10 lbs)

**Case Color**

Black

**IO Box<sup>[1]</sup>**

No IO box

**Mounting**

- VESA mount bracket kit with adaper holder, supports VESA 75mm and 100mm
- VESA mount bracket kit, supports VESA 75mm and 100mm
- DIN rail mount bracket kit
- Z hook
- Not configured

## Notes:

1. For more details, please go to <https://pcsupport.lenovo.com>

## CONNECTIVITY

### Network

#### Onboard Ethernet

1x gigabit Ethernet (Realtek® RTL8111KI-CG) and 1x 2.5 gigabit Ethernet (Intel I225-IT), 2x RJ45, Wake-on-LAN

#### WLAN + Bluetooth™

- Intel Wireless-AC 9260, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Intel Wireless-AC 9260, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, Intel vPro technology support, M.2 card
- No WLAN and Bluetooth

#### WWAN

- Qualcomm® SDX24 4G, Cat 16, M.2 card
- No WWAN

### Ports<sup>[1]</sup>

#### 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)

#### Optional Front Ports

- 2x gigabit Ethernet (RJ-45) on SE30 IO box
- 2x serial (RS232 / RS422 / RS485, SDK selectable) on SE30 IO box

#### Rear Ports<sup>[2]</sup>

- 1x USB 3.2 Gen 2
- 2x Ethernet (RJ-45)
- 1x Thunderbolt 4 / USB4™ 40Gbps (support data transfer, Power Delivery 5V@3A, and display)
- 1x HDMI 1.4b (for i3 models)
- 1x DisplayPort™ 1.4a (for i5 models)
- 1x power connector

#### Optional Rear Ports

- 1x USB-C 3.2 Gen 1 on SE30 IO box, connect to SE30
- 1x DIO (4DI / 4DO) on SE30 IO box
- 1x DC-in 3pin Phoenix connector on SE30 IO box

## Notes:

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.  
USB 2.0: 480 Mbit/s;  
USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;  
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;  
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
Thunderbolt 3: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s
2. If IO box gets power supply from ThinkEdge SE30, need to connect USB-C (on IO box) with Thunderbolt 4 port (on SE30)

### Monitor Cable

#### Monitor Cable

- USB-C to DP Dongle
- USB-C to HDMI Dongle
- USB-C to VGA Dongle
- DP to VGA dongle
- DP to Dual DP (MST) dongle
- DP to Dual DP (SST) dongle
- DP to HDMI 1.4 dongle
- No monitor cable

## SECURITY & PRIVACY

### Security

#### Security Chip

Discrete TPM 2.0, TCG certified

#### Physical Locks

Kensington® Security Slot

#### Chassis Intrusion Switch

Chassis intrusion switch

#### BIOS Security

- Self-healing BIOS
- Self-healing BIOS (EC-based)

## MANAGEABILITY

### System Management

#### System Management

- Intel vPro with Intel AMT 15.0
- None

## SERVICE

### Warranty

#### Base Warranty

- 1-year depot service
- 1-year limited onsite service
- 3-year limited onsite service
- No base warranty

## ENVIRONMENTAL

### Operating Environment<sup>[1]</sup>

#### Temperature

- Operating: IEC60068-2-1 Test A: Cold, IEC 60068-2-2 Test B: Dry heat, -20-60°C (-4- 140°F) with 0.7 m/s air flow
- Storage: IEC60068-2-1 Test A: Cold, IEC 60068-2-2 Test B: Dry heat, -40-85°C (-40 ~ 185°F )

#### Humidity

- Relative Humidity Operating: IEC 60068-2-66 Damp heat, steady state 95%@40°C non-condensing
- Relative Humidity Storage: IEC 60068-2-66 Damp heat, steady state 90%@60°C

#### Shock Protection

IEC 60068-2-27, Shock , Operating, 30G/11ms, half sine

#### Vibration Protection

IEC 60068-2-64, Vibration, Operating, 3Grms, random, 5 ~ 500Hz, 1hr/axis

#### Notes:

1. The temperature spec is not applicable for hardware accessories.

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- ErP Lot 6
- RoHS compliant
- WEEE

- REACH
- Low Halogen
- TED (ECO-declaration)
- PCF

## Other Certifications

### EMC

- EMC CE/FCC Class B
- BSMI

### Safety

- UL(ETL)
- BSMI
- CB



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