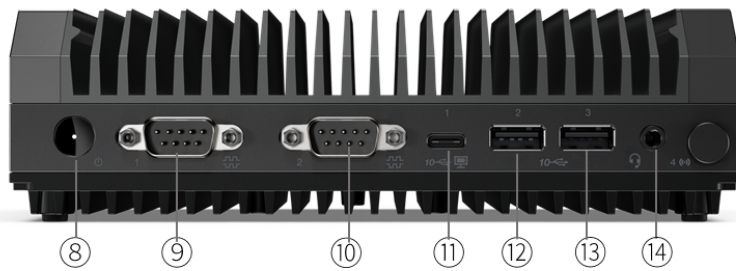
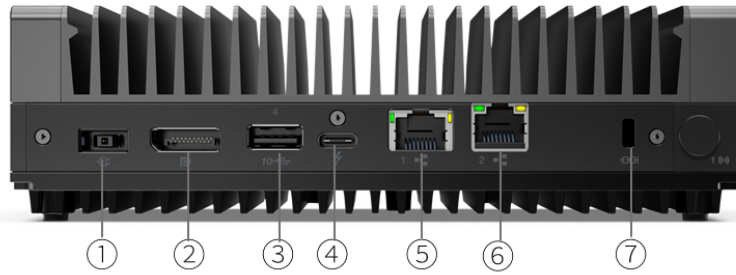


OVERVIEW



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

Max Memory^[1]

Soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

DDR4-3200

Memory Protection^[2]

IB-ECC

Notes:

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

Storage

Storage Support

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

- M.2 2230 SSD up to 1TB each
- 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	-	-

RAID^[1]

RAID 0/1 support

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^[1]

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
- Qualcomm SDX55 5G, Sub6, M.2 card
- No WWAN

Ports^[1]

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^[2]

- 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^[1]

Temperature

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

Humidity

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

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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