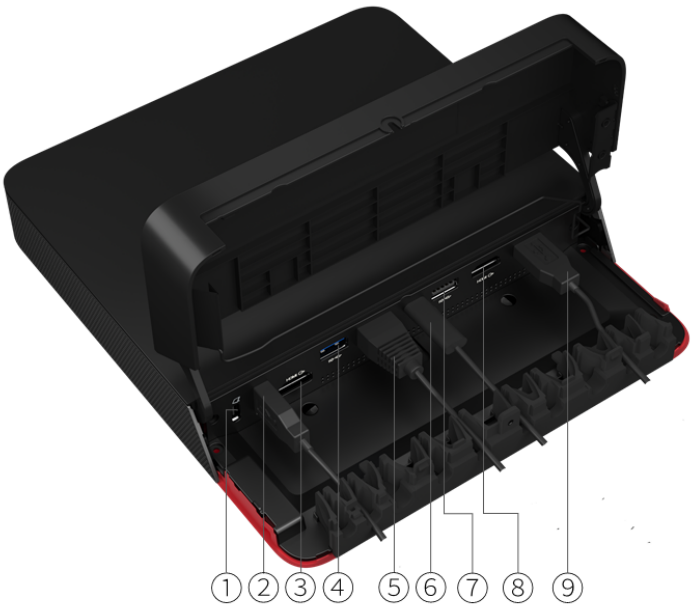
OVERVIEW



1. USB-C 3.2 Gen 1	6. Thunderbolt 4
2. USB 3.2 Gen 1	7. USB 3.2 Gen 2
3. HDMI-out 1.4	8. HDMI-out 1.4
4. USB 3.2 Gen 2	9. Power connector
5. Ethernet (RJ-45)	

PERFORMANCE

Processor

Processor Family

11th Generation Intel® Core™ i5 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-1145G7E	4	8	1.5GHz	4.1GHz	8MB	DDR4-3200, LPDDR4x-4267	Intel Iris® Xe Graphics

Operating System

Operating System

Windows® 10 IoT Enterprise SAC 64

Graphics

Graphics

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel Iris Xe Graphics	Integrated	Shared	2x HDMI® 1.4	1920x1080@60Hz	DirectX® 12

Monitor Support

Monitor Support

Supports up to 2 external monitors via 2x HDMI

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory[1]

16GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

DDR4-3200

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Storage Support

One drive, 256GB M.2 2280 SSD

Storage Type

Disk Type	Interface
M.2 2280 SSD	PCIe® NVMe®, PCIe 3.0 x4

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

No speakers

Microphone

No microphone

Camera

No camera

Sensor

Sensors

No sensor

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
90W	Adapter	89%	Autosensing

DESIGN

Input Device

Keyboard

No keyboard

Mouse

No mouse

Mechanical

LED indicators

Power LED on power button

Buttons

Power button

Dimensions (WxDxH)[1]

226 x 200 x 37.5 mm (8.9 x 7.9 x 1.5 inches)

Weight[2]

Around 1.1 kg (2.4 lbs)

Case Color

Raven black and red bottom

Others

VESA Mount Kit

Notes:

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

[2] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Ethernet

Gigabit Ethernet, Intel Ethernet Connection I219-LM, 1x RJ-45, supports Wake-on-LAN

WLAN + Bluetooth®**

- Intel Wi-Fi® 6 AX201, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, Intel vPro® technology support, M.2 Card
- Intel Wireless-AC 9260, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, Intel vPro technology support, M.2 card

Ports[1]

Front Ports

None

Rear Ports

- 1x Thunderbolt™ 4
- 1x USB-C® 3.2 Gen 1
- 1x USB 3.2 Gen 1
- 2x USB 3.2 Gen 2
- 2x HDMI-out 1.4
- 1x Ethernet (RJ-45)
- 1x power connector

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;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt 3/4: 40 Gbit/s.

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0, TCG certified

Physical Locks

Kensington® Security Slot™, with the integrated cable management, can also secure the cable connection

BIOS Security

- Power-on password
- Supervisor password
- Hard disk password
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)

MANAGEABILITY

System Management

System Management

Intel vPro with Intel AMT 15

SERVICE

Warranty[1]

Base Warranty

3-year premier support service

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to https://smartfind.lenovo.com/. To learn more details of warranty policy, please access https://pcsupport.lenovo.com/warranty.

ENVIRONMENTAL

Operating Environment

Temperature

- Operating: 10°C (50°F) to 35°C (95°F)
- Storage and transportation in original shipping package: -20°C (-4°F) to 60°C (140°F)
- Storage without package: -10°C (14°F) to 60°C (140°F)

Humidity

- Operating: 20% to 80%
- Storage: 20% to 90%

Altitude

- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: -15.2 m (-50 ft) to 10668 m (35,000 ft)

SOFTWARE

Preinstalled Software

Preinstalled Software

Zoom Rooms

CERTIFICATIONS

Green Certifications[1]

Green Certifications

RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

Other Certifications

Other Certifications

TÜV Rheinland® Ultra Low Noise

- This is a telepresence technology product.
- Feature with ** means that only one offering listed under the feature is configured on selected models.
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