OVERVIEW

1. 1x Thunderbolt 4	6. 1x USB-A (USB 10Gbps)
2. 1x headphone / microphone combo jack (3.5mm)	7. 1x USB-C (USB 10Gbps)
3. 1x 2.5GbE Ethernet (RJ-45)	8. 1x Thunderbolt 4
4. 1x HDMI 2.1 TMDS	9. 1x Power button with fingerprint module
5. 1x USB-C (USB 10Gbps) with USB PD-in	

PERFORMANCE

Processor

Processor Family

Intel Core™ Ultra 5 / X7 Processor (Series 3)

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
Core Ultra 5 325	8 (4 P-core + 4 LP E-core)	8	P-core 2.1GHz / LP E-core 1.6GHz	P-core 4.5GHz / LP E-core 3.4GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 47 TOPS
Core Ultra X7 358H	16 (4 P-core + 8 E-core + 4 LP E-core)	16	P-core 1.9GHz / E-core 1.5GHz / LP E-core 1.5GHz	P-core 4.8GHz / E-core 3.5GHz / LP E-core 3.3GHz	18MB Intel® Smart Cache	Intel® Arc™ B390 GPU, up to 122 TOPS	Up to 50 TOPS

AI (Artificial Intelligence)

AI PC Category

Copilot+ PC

NPU

Up to 50 TOPS

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- No preload operating system

Graphics

Graphics**

Graphics	Type	Memory	AI TOPS (Peak)	Max Resolution	Connector	Key Features
Intel® Graphics	Integrated	Shared	40	3840x2160@60Hz(HDMI®), 3840x2160@60Hz(Thunderbolt™), 3840x2160@60Hz(USB-C® with DP function)	1x HDMI® 2.1 TMDS, 2x Thunderbolt™ 4, 2x USB-C® with DP function	DirectX® 12 Ultimate
Intel® Arc™ B390 GPU	Integrated	Shared	122	3840x2160@60Hz(HDMI®), 3840x2160@60Hz(Thunderbolt™), 3840x2160@60Hz(USB-C® with DP function)	1x HDMI® 2.1 TMDS, 2x Thunderbolt™ 4, 2x USB-C® with DP function	DirectX® 12 Ultimate

Monitor Support

Monitor Support

Supports up to 4 independent displays via onboard ports (HDMI®, USB-C® and Thunderbolt4)

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory[1]

32GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5X-8533

Memory Protection

Non-ECC

Notes:

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

Storage

Max Storage Support[1]

One drive, up to 2TB M.2 SSD

Storage Type

Disk Type	Interface
M.2 SSD	PCIe® NVMe®

RAID

No support

Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo® storage offerings.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3341S codec

Speakers

Single speaker, 2W x1

Microphone

Dual microphone

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
100W	Adapter	90%	Autosensing

DESIGN

Input Device

Keyboard

- Lenovo® 800 Wireless Multi-Mode Premium Rechargeable Keyboard
- No keyboard

Mouse

- Lenovo® 800 Wireless Multi-Mode Premium Rechargeable Mouse
- No mouse

Mechanical

Form Factor

Tiny (0.65L)

Dimensions (WxDxH)[1]

130 x 130 x 48.6 mm (5.12 x 5.12 x 1.913 inches)

Packaging Dimensions (WxDxH)**

- Without keyboard and mouse: 283 x 202 x 123 mm (11.4 x 7.95 x 4.84 inches)
- With keyboard and mouse: 554 x 197 x 156 mm (21.8 x 7.76 x 6.14 inches)

Weight[2]

Around 0.6 kg (1.3 lbs)

Packaging Weight**

- With keyboard and mouse: Around 2.95 kg (6.5 lbs)
- Without keyboard and mouse: Around 1.6 kg (3.53 lbs)

Case Color

Seashell

Expansion Slots

Two M.2 slots (one for WLAN, one for SSD)

System Lighting

Lighting LED

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

WLAN + Bluetooth®[1]**

- Wi-Fi® 7, 802.11be 2x2 160MHz + Bluetooth® 5.4 (Bluetooth® 6.0 hardware ready)
- Wi-Fi® 7, 802.11be 2x2 320MHz + Bluetooth® 5.4 (Bluetooth® 6.0 hardware ready)

Onboard Ethernet

2.5GbE, 1x RJ-45

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports[1]

Rear Ports

- 1x Thunderbolt™ 4
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2) with USB PD-in
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x 2.5GbE Ethernet (RJ-45)

Left Ports

- 1x headphone / microphone combo jack (3.5mm)
- 1x Thunderbolt™ 4

Right Ports

1x Power button with fingerprint module

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.
Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Other Security

Wi-Fi® Sensing Human Presence Detection

BIOS Security

- Administrator password
- Boot sequence control
- Hard disk password
- More BIOS security features, please visit BIOS Simulator

SERVICE

Warranty[1]

Base Warranty**

- 1-year mail-in service
- 1-year courier or carry-in service
- 1-year limited onsite service
- 2-year courier or carry-in service
- 3-year courier or carry-in 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://support.lenovo.com/warrantylookup/warrantypolicy.

OPERATING REQUIREMENTS

Operating Environment

Temperature

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -40°C (-40°F) to 60°C (140°F)

Relative Humidity

- Operating: 20% to 80% (non-condensing)
- Storage: 10% to 90% (non-condensing)

Altitude

- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: 0 m (0 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- (Optional) ENERGY STAR® 9.0

- ErP Lot 3/7
- GREENGUARD®
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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