

## OVERVIEW



1. headphone / microphone combo jack (3.5mm)	8. HDMI 2.1 TMDS
2. USB-C (USB 10Gbps), data transfer and 5V@3A charging	9. USB-A (Hi-Speed USB), with Smart Power On
3. USB-A (USB 10Gbps), Always On and 5V@2.1A charging	10. USB-A (Hi-Speed USB)
4. Power button	11. USB-A (USB 10Gbps)
5. Power-in	12. Ethernet (1GbE, RJ-45)
6. DisplayPort 1.4b	13. Punch out port *
7. USB-A (USB 10Gbps)	

Notes:

- Items with \* are only available on selected models

## PERFORMANCE

### Processor

#### Processor Family

Intel® U-series, 13th Generation Intel® Core™ i3 Processor or Intel® H Series Core 5 / 7 Processor (Series 2)

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i3-1315U	6 (2 P-core + 4 E-core)	8	P-core 1.2GHz / E-core 0.9GHz	P-core 4.5GHz / E-core 3.3GHz	10MB	Intel® UHD Graphics
Core 5 210H	8 (4 P-core + 4 E-core)	12	P-core 2.2GHz / E-core 1.6GHz	P-core 4.8GHz / E-core 3.6GHz	12MB	Intel® Graphics
Core 7 240H	10 (6 P-core + 4 E-core)	16	P-core 2.5GHz / E-core 1.8GHz	P-core 5.2GHz / E-core 4.0GHz	24MB	Intel® Graphics

### Operating System

#### Operating System\*\*

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

### Graphics

#### Graphics

Graphics	Type	Memory	Max Resolution	Connector	Key Features
Intel® UHD Graphics	Integrated	Shared	4096x2160@60Hz(DP), 4096x2160@60Hz(HDMI®), 1920x1200@60Hz(VGA)	1x DP 1.4b, 1x HDMI® 2.1 TMDS, 1x optional punch out port (1x VGA or 1x DP 1.4b)	DirectX® 12.1

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays via (onboard DP, onboard HDMI®, and one optional port [VGA / 2nd DP])

### Chipset

#### Chipset

Intel® SoC (System on Chip) platform

### Memory

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

Up to 64GB DDR5-5600

#### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

#### Memory Type

DDR5-5600<sup>[2]</sup>

Notes:

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

[2] Installed memory is actually DDR5-5600 but may run as DDR5-5200 depending on the memory support capability of Intel® Core™ i3

### Storage

#### Max Storage Support<sup>[1]</sup>

Up to two drives, 2x M.2 SSD

- M.2 SSD up to 1TB each

**Storage Type\*\*\***

Disk Type	Interface	Security
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	-
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	Opal 2.0

**RAID**

RAID 0/1 support (RAID preset only available via special bid models)

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® ALC256 codec

**Speakers**

- No speakers
- Single speaker, 2W x1

**Microphone**

No microphone

**Camera**

No camera

**Power Supply**

**Power Supply\*\*[1]**

Power	Type	Efficiency	Key Features
65W	Adapter	89%	Autosensing
90W	Adapter	89%	Autosensing
135W	Adapter	90%	Autosensing
135W	Adapter	89%	Autosensing
No power adapter	-	-	-

Notes:

[1] When work with TIO monitor, an appropriate power adapter is needed. Customer may need to:

- Order a Tiny for TIO MT (13C6, 13C7) models
- Or for Intel® Core™ 5/7 models order an additional 135W power adapter, for Intel® Core™ i3 models order an additional 90W power adapter. If original power adapter is less than 135W (Core 5/7 models) or 90W (i3 models).

**DESIGN**

**Input Device**

**Keyboard\*\***

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

**Mouse\*\***

- Wireless EOS Mouse, black
- Lenovo® Calliope Mouse (USB connector), black
- No mouse

## Mechanical

### Form Factor

Tiny (1L)

### Dimensions (WxDxH)<sup>[1]</sup>

Models	Dimensions
Tiny only (without rubber feet)	179 x 182.9 x 34.5 mm (7.05 x 7.2 x 1.36 inches)
Tiny only (with rubber feet)	179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

### Packaging Dimensions (WxDxH)

- Tiny only: 240 x 250 x 186 mm (9.45 x 9.84 x 7.32 inches)
- Tiny with EOS keyboard: 532 x 250 x 128 mm (20.94 x 9.84 x 5.04 inches)
- Tiny with Calliope keyboard: 492 x 250 x 128 mm (19.37 x 9.84 x 5.04 inches)

### Weight<sup>[2]</sup>

Around 1.13 kg (2.49 lbs)

### Packaging Weight\*\*

- Tiny only: 2.03 kg (4.48 lbs)
- Tiny with EOS keyboard: 3.28 kg (7.23 lbs)
- Tiny with Calliope keyboard: 3.44 kg (7.58 lbs)

### Case Color

Raven black

### Bays

No bays

### Expansion Slots

Three M.2 slots (one for WLAN, two for SSD)

### EOU

- (Optional) toolless chassis open (toolless chassis screw required)
- No support

### Stand

- Vertical stand
- No stand

### IO Box

No IO box

### Mounting

- Supports VESA mount 100mm
- None

### Others

(Optional) Power adapter cage

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®\*\*

- Intel® Wi-Fi® 6 AX203, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card<sup>[1]</sup>
- Realtek® Wi-Fi® 6E RTL8852CE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card<sup>[2]</sup>

- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card<sup>[3]</sup>
- Realtek® Wi-Fi® 7 RTL8922AE, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4<sup>[4]</sup>
- No WLAN and Bluetooth®

**Onboard Ethernet**

Gigabit Ethernet, Realtek® RTL8111K, 1x RJ-45

**Optional Ethernet**

2.5 Gigabit Ethernet, Realtek® RTL8125BGS, 1x RJ-45

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**Notes:**

[1] Wi-Fi® 6 full features might be limited by country-level restrictions.

[2], [3] Wi-Fi® 6E full features might be limited by country-level restrictions.

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

Bluetooth® 5.3 operation requires Windows® 11. For more information please visit [General Bluetooth® Support Information on Microsoft®](#).

[4] The bandwidth of WiFi 7 adapter is 160 MHz.

Wi-Fi® 7 operation is subject to the regulation rules in each country.

Intel® Core™ i3 does not support WiFi 7.

**Ports<sup>[1]</sup>****Front Ports**

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with data transfer and 5V@3A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
- 1x headphone / microphone combo jack (3.5mm)

**Rear Ports**

- 2x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4b
- 1x Ethernet (GbE RJ-45)
- 1x Power connector

**Optional Rear Ports**

Punch out port (one of VGA / DisplayPort™ 1.4b / serial / 2.5GbE RJ-45)

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**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, FIPS 140-2 certified

**Physical Locks**

Kensington® Security Slot™, 3 x 7 mm

**Chassis Intrusion Switch**

Chassis intrusion switch<sup>[1]</sup>

**Fingerprint Reader**

No fingerprint reader

**BIOS Security**

- Hard disk password
- Supervisor password
- Absolute persistence module
- Boot sequence control
- Boot without keyboard and mouse
- Cover tamper detected
- Configuration change detection
- Individual USB port disablement
- Intel® BIOS guard
- Never crash Self-healing
- Secure wipe
- Secure boot
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- More BIOS security features, please visit [BIOS Simulator](#)<sup>[2]</sup>

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**Notes:**

[1] Chassis intrusion switch is hardware ready function and needs to be special bid or manually enabled in BIOS.

[2] The BIOS simulator is just for reference. Default settings and some options may vary depending on the hardware, operating system and BIOS version.

## MANAGEABILITY

### System Management

#### System Management

Non-vPro®

## SERVICE

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

#### Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year limited onsite service
- No base warranty

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**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>.

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories\*\*\*

- DP to DVI dongle
- DP to VGA dongle
- None

## 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%
- Storage: 10% to 90%

**Altitude**

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

**ENVIRONMENTAL****Sustainability****Material<sup>[1]</sup>**

90% PIC recycled plastic EPE cushion or 90% PCC recycled plastic thermal shell with 30% OBP material  
30% OBP used in bag  
FSC certified paper in packaging

**Notes:**

[1] PCC: Post Consumer Content, recycled materials from customers.  
PIC: Post Industry Content, recycled materials from internal factories.  
EPE: Expanded Polyethylene.  
OBP: Ocean Bound Plastic, reducing plastic spill into the sea.  
FSC: Forest Stewardship Council.

**CERTIFICATIONS****Green Certifications<sup>[1]</sup>****Green Certifications**

- (Optional) ENERGY STAR® 9.0
- (Optional) EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 10.0

**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>.

**Other Certifications****Other Certifications**

(Optional) TÜV Rheinland® Ultra Low Noise

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