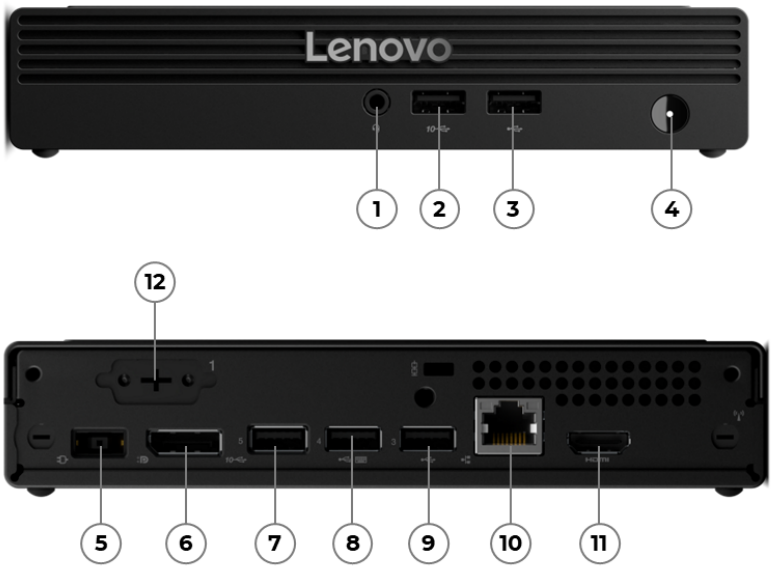
OVERVIEW



1. Headphone / microphone combo jack (3.5mm)	7. USB-A (USB 10Gbps)
2. USB-A (USB 10Gbps)	8. USB-A (Hi-Speed USB), with Smart Power On
3. USB-A (Hi-Speed USB)	9. USB-A (Hi-Speed USB)
4. Power button	10. Ethernet (1GbE, RJ-45)
5. Power-in	11. HDMI 1.4
6. DisplayPort 1.4a	12. Punch out port 1 *

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 3 / 5 10 Series Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
AMD Ryzen™ 3 30	4	8	2.4GHz	4.1GHz	2MB L2 / 4MB L3	AMD Radeon™ 610M
AMD Ryzen™ 5 40	4	8	2.8GHz	4.3GHz	2MB L2 / 4MB L3	AMD Radeon™ 610M

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 IoT Enterprise LTSC 2024
- Windows® 10 IoT Enterprise LTSC 2021
- Ubuntu Linux
- IGEL Linux (with License)
- IGEL Linux (no License)
- No preload operating system

Graphics

Graphics

Graphics	Type	Memory	Max Resolution	Connector	Key Features
AMD Radeon™ 610M	Integrated	Shared	1920x1080@60Hz(HDMI® 1.4), 4096x2160@60Hz(HDMI® 2.1 TMDS), 1920x1200@60Hz(VGA) 4096x2160@60Hz(DP 1.4a) 4096x2160@60Hz(DP 1.2) 4096x2160@60Hz(USB-C® with DP 1.4 function)	1x DP 1.4a, 1x HDMI® 1.4, 1x optional punch out port (VGA / DP 1.2 HBR2/ HDMI® 2.1 TMDS / 1x USB-C® with DP 1.4 function)	DirectX® 12

Monitor Support

Monitor Support

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

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory[1]

- 8GB soldered LPDDR5-5500, not upgradable
- 16GB soldered LPDDR5-5500, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR5-5500

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 512GB M.2 SSD

Storage Type**

Disk Type	Interface	Security
M.2 2242 SSD[2]	PCIe® NVMe®, PCIe® 3.0 x4	-
M.2 2280 SSD	PCIe® NVMe®, PCIe® 3.0 x4	-
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	-
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	Opal 2.0

Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo® storage offerings.
[2] 128GB SSD M.2 2242 is special bid only

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3341 codec

Speakers

- Single speaker, 2W x1
- No speakers

Power Supply

Power Supply**[1]

Power	Type	Efficiency	Key Features
65W	Adapter	89%	100V - 240V
90W	Adapter	89%	100V - 240V
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 (13Q3, 13Q5) models
• Or order an additional 90W power adapter. If original power adapter is 65W.
For detailed information, please refer to Lenovo® V105q Adapter Matrix

DESIGN

Input Device

Keyboard**

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

Mouse**

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

Mechanical

Form Factor

Tiny (1L)

Dimensions (WxDxH)[1]

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 without keyboard: 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[2]

Around 1.13 kg (2.49 lbs)

Packaging Weight**

- Tiny without keyboard: 2.8 kg (6.17 lbs)
- Tiny with EOS Keyboard: 2.93 kg (6.45 lbs)
- Tiny with Calliope Keyboard: 2.39 kg (5.27 lbs)

Case Color

Eclipse black

Expansion Slots

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

EOU

- Toolless chassis open (toolless chassis screw required), stand, toolless M.2 SSD, memory assembly / removal
- No support

Stand

- Vertical stand
- No stand

Mounting

- Supports VESA mount 100mm
- None

Cooling System (Fan & Cooler)

1x default system fan

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®**[1]

- MediaTek Wi-Fi® 6 MT7920, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- No WLAN and Bluetooth®

Onboard Ethernet

Gigabit Ethernet, Realtek® RTL8111K, 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]

Front Ports

- 1x USB-A (Hi-Speed USB / USB 2.0)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)[2]
- 1x headphone / microphone combo jack (3.5mm)

Rear Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)[3]
- 2x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- 1x HDMI® 1.4
- 1x DisplayPort™ 1.4a
- 1x Ethernet (RJ-45)

Optional Rear Ports

Punch out port (one of serial / VGA / DisplayPort™ 1.2 / HDMI® 2.1 TMDS / USB-C® (USB 10Gbps / USB 3.2 Gen 2) with DisplayPort™ 1.4 function and 5V@3A charging)

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.
[2], [3] Supports an output of 5 *V@0.9 A*

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Physical Locks

Kensington Security Slot™, 3 x 7 mm

Chassis Intrusion Switch

Chassis intrusion switch

BIOS Security

- Administrator password
- Boot sequence control
- Boot without keyboard and mouse
- Power-on password
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Secure boot
- More BIOS security features, please visit BIOS Simulator

MANAGEABILITY

System Management

System Management

Non-vPro

SERVICE

Warranty[1]

Base Warranty**

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

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)

ENVIRONMENTAL

Sustainability

Material

65% PCC ABS chassis
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

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- (Optional) ENERGY STAR® 9.0
- (Optional) EPEAT 1.0 Gold Registered
- ErP Lot 3/7
- Low Halogen
- 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.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS", WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.

- The specifications on this page may not be available in all regions, and may be changed or updated without notice.


Lenovo


Lenovo







