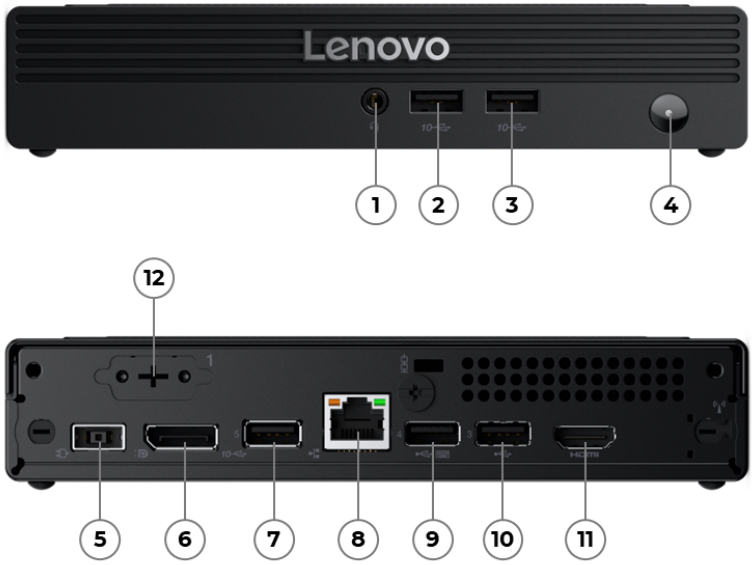
OVERVIEW



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

PERFORMANCE

Processor

Processor Family

Intel® N-series Processor

Processor**

Processor Name	Cores	Threads	Max Frequency	Cache	Processor Graphics
N100	4	4	3.4GHz	6MB	Intel® UHD Graphics
Core i3-N305	8	8	3.8GHz	6MB	Intel® UHD Graphics

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 IoT Enterprise LTSC 2024
- Ubuntu Linux
- IGEL Linux
- No preload operating system

Graphics

Graphics[1]**

Graphics	Type	Memory	Max Resolution	Connector	Key Features
Integrated Intel® UHD Graphics	Integrated	Shared	1920x1080@60Hz(HDMI® 1.4), 4096x2160@60Hz(HDMI® 2.1 TMDS), 1920x1200@60Hz(VGA) 4096x2160@60Hz(DP 1.4) 4096x2160@60Hz(DP 1.2) 4096x2160@60Hz(USB-C® with DP 1.4 function)	1x DP 1.4, 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® 12.1
Integrated Intel® Graphics	Integrated	Shared	1920x1080@60Hz(HDMI® 1.4), 4096x2160@60Hz(HDMI® 2.1 TMDS), 1920x1200@60Hz(VGA) 4096x2160@60Hz(DP 1.4) 4096x2160@60Hz(DP 1.2) 4096x2160@60Hz(USB-C® with DP 1.4 function)	1x DP 1.4, 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® 12.1

Notes:

[1] The information of integrated graphics are not applicable for the models with processor which has no integrated graphics inside (for the details, please refer to processor section).

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

Intel® SoC (System on Chip) platform

Memory

Max Memory[1][2]

Up to 16GB DDR5-5600

Memory Slots

One DDR5 SO-DIMM slot

Memory Type

DDR5-5600

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.
[2] Installed memory is actually 5600MHz, but may run at 4800MHz depending on the memory support capability of processor.

Storage

Max Storage Support[1]

One drive, up to 512GB M.2 SSD

Storage Type

Disk Type	Interface	Security
M.2 2242 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.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

- No speakers
- Single speaker, 2W x1

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 (13GF, 13GH) models
• Or order an additional 90W power adapter. If original power adapter is 65W.

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 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[2]

Around 0.89 kg (1.96 lbs)

Packaging Weight

- Tiny only: 2.03 kg (4.48 lbs)
- Tiny with EOS keyboard: 2.93 kg (6.45 lbs)
- Tiny with Calliope keyboard: 2.39 kg (5.27 lbs)

Case Color

Raven black

Expansion Slots

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

EOU

- (Optional) 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)[3]

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.

[3] The fanless option is available only for specific N100 processor models running IGEL OS or IOT OS.

CONNECTIVITY

Network

WLAN + Bluetooth®**

- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Intel® Wi-Fi® 6 AX203, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- No WLAN and Bluetooth®

Onboard Ethernet

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

Ports[1]

Front Ports

- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

Rear Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- 1x HDMI® 1.4
- 1x DisplayPort™ 1.4
- 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)

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

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Chassis Intrusion Switch

Chassis intrusion switch

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- Power-on password
- Boot sequence control
- Boot without keyboard and mouse
- Intel® BIOS guard
- Secure boot
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)

MANAGEABILITY

System Management

System Management

None

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.

ACCESSORIES

Bundled Accessories

Bundled Accessories***

- DP to DVI dongle
- DP to HDMI® 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

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

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.
- 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.
- 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









