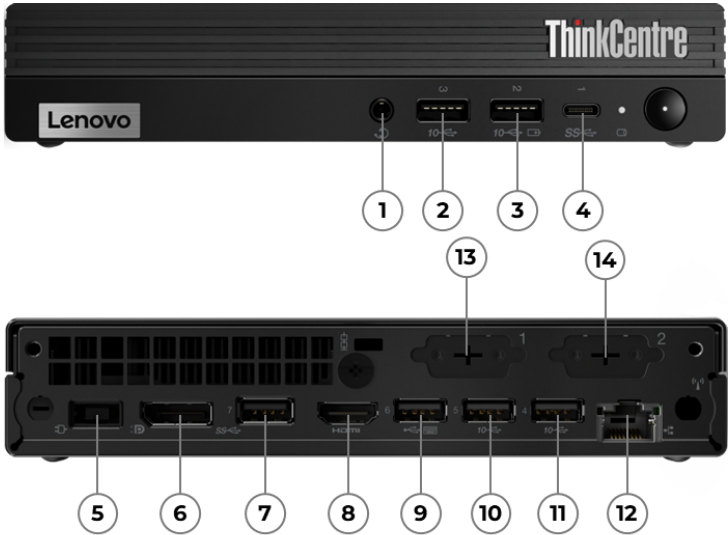


OVERVIEW



2

1. Headphone / microphone combo jack (3.5mm)	8. HDMI 2.1 TMDS
2. USB-A (USB 10Gbps)	9. USB-A (Hi-Speed USB), smart power-on
3. USB-A (USB 10Gbps), Always On and fast charge	10. USB-A (USB 10Gbps)
4. USB-C (USB 5Gbps)	11. USB-A (USB 10Gbps)
5. Power connector	12. Ethernet (RJ-45)
6. DisplayPort 1.4a	13. Punch out port 1 *
7. USB-A (USB 5Gbps)	14. Punch out port 2 *

Notes:

- Items with \* are only available on selected models

PERFORMANCE

Processor

Processor Family

13th / 14th Generation Intel® Core™ i3 / i5 / i7 Processor, or Intel® 300T Processor

Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i3-13100T	4 (4 P-core + 0 E-core)	8	P-core 2.5GHz	P-core 4.2GHz	12MB	Intel® UHD Graphics 730
Core i5-13400T	10 (6 P-core + 4 E-core)	16	P-core 1.3GHz / E-core 1.0GHz	P-core 4.4GHz / E-core 3.0GHz	20MB	Intel® UHD Graphics 730
Core i5-13500T	14 (6 P-core + 8 E-core)	20	P-core 1.6GHz / E-core 1.2GHz	P-core 4.6GHz / E-core 3.2GHz	24MB	Intel® UHD Graphics 770
Core i5-13600T	14 (6 P-core + 8 E-core)	20	P-core 1.8GHz / E-core 1.3GHz	P-core 4.8GHz / E-core 3.4GHz	24MB	Intel® UHD Graphics 770
Core i7-13700T	16 (8 P-core + 8 E-core)	24	P-core 1.4GHz / E-core 1.0GHz	Max Turbo up to 4.9GHz / P-core 4.8GHz / E-core 3.6GHz	30MB	Intel® UHD Graphics 770
Core i3-14100T	4 (4 P-core + 0 E-core)	8	P-core 2.7GHz	P-core 4.4GHz	12MB	Intel® UHD Graphics 730
Core i5-14400T	10 (6 P-core + 4 E-core)	16	P-core 1.5GHz / E-core 1.1GHz	P-core 4.5GHz / E-core 3.2GHz	20MB	Intel® UHD Graphics 730
Core i5-14500T	14 (6 P-core + 8 E-core)	20	P-core 1.7GHz / E-core 1.2GHz	P-core 4.8GHz / E-core 3.4GHz	24MB	Intel® UHD Graphics 770
Core i5-14600T	14 (6 P-core + 8 E-core)	20	P-core 1.8GHz / E-core 1.3GHz	P-core 5.1GHz / E-core 3.6GHz	24MB	Intel® UHD Graphics 770
Core i7-14700T	20 (8 P-core + 12 E-core)	28	P-core 1.3GHz / E-core 0.9GHz	Max Turbo up to 5.2GHz / P-core 5.0GHz / E-core 3.7GHz	33MB	Intel® UHD Graphics 770
Intel® 300T	2	4	3.4 GHz	-	6MB	Intel® UHD Graphics 710

Operating System

Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 IoT Enterprise LTSC 2024
- Windows® 11 DG Windows® 10 Pro 64
- Ubuntu Linux
- No preload operating system

Graphics

Graphics\*\*

Graphics	Type	Memory	Max Resolution	Connector	Key Features
Intel® UHD graphics 710	Integrated	Shared	4096x2160@60Hz(HDMI®), 1920x1200@60Hz(VGA), 4096x2304@60Hz(DP), 4096x2304@60Hz(USB-C® with DP function)	1x HDMI® 2.1 TMDS, 1x DP 1.4a (HBR2, DSC), 2x punch out ports([2x HDMI®/VGA/DP] or [USB-C® with DP function, HDMI®/VGA/DP])	DirectX® 12
Intel® UHD graphics 730	Integrated	Shared	4096x2160@60Hz(HDMI®), 1920x1200@60Hz(VGA), 4096x2304@60Hz(DP), 4096x2304@60Hz(USB-C® with DP function)	1x HDMI® 2.1 TMDS, 1x DP 1.4a (HBR2, DSC), 2x punch out ports([2x HDMI®/VGA/DP] or [USB-C® with DP function, HDMI®/VGA/DP])	DirectX® 12

Intel® UHD graphics 770	Integrated	Shared	4096x2160@60Hz(HDMI®), 1920x1200@60Hz(VGA), 4096x2304@60Hz(DP), 4096x2304@60Hz(USB-C® with DP function)	1x HDMI® 2.1 TMDS, 1x DP 1.4a (HBR2, DSC), 2x punch out ports ([2x HDMI®/VGA/DP] or [USB-C® with DP function, HDMI®/VGA/DP])	DirectX® 12
-------------------------	------------	--------	---	--	-------------

Monitor Support

Monitor Support

Supports up to 4 independent displays via (onboard DP, onboard HDMI®, punch out port 1 [VGA / HDMI® / DP / USB-C®], and punch out port 2 [VGA / HDMI® / DP])

Chipset

Chipset

Intel® Q670 chipset

Memory

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

Up to 64GB (2x 32GB DDR5 SO-DIMM)

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

- DDR5-4800
- DDR5-5200
- DDR5-5600

Notes:

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

Storage

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

Dual SSD mode: up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

Storage Type

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

RAID

RAID 0/1 support for SSDs

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® ALC233VB or Conexant CX11771 codec

Speakers\*\*

- Premium single speaker, 2W x1
- Single speaker, 2W x1

Power Supply

Power Supply\*\*<sup>[1]</sup>

Power	Type	Efficiency	Key Features
65W	Adapter	89%	Autosensing
90W	Adapter	89%	Autosensing
135W	Adapter	89%	Autosensing

Notes:

<sup>[1]</sup> 135w power adapter is essential if optional USB-C® port is selected

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

- Order a Tiny for TIO MT (12TF or 12TG) models
- Or order an additional 135W power adapter, if original power adapter is 90W

DESIGN

Input Device

Keyboard\*\*

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

Mouse\*\*

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

Mechanical

Form Factor

Tiny (1L)

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

Models	Dimensions
Tiny only	179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 1.44 inches with rubber feet)

Packaging Dimensions (WxDxH)

490 x 128 x 250 mm (19.29 x 5.04 x 9.84 inches)

Weight<sup>[2]</sup>

Models	Weight
Tiny only	Around 1.25 kg (2.76 lbs)

Packaging Weight

Around 3.2 kg (7.05 lbs)

Case Color

Raven black

Bays

No bays

Expansion Slots

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

EOU

- (Optional) Toolless cover and stand assembly / removal
- No support

Stand

- Vertical stand
- No stand

**IO Box**

No IO box

**Mounting**

- Supports VESA mount 100mm
- None

**Others**

- (Optional) Dust filter
- (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

**Onboard Ethernet**

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

**Optional Ethernet**

- 2.5 Gigabit Ethernet, Realtek® RTL8125BGS, 1x RJ-45, supports Wake-on-LAN
- No optional Ethernet

**WLAN + Bluetooth\*\***

- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 Card
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, Intel® vPro® technology support, M.2 Card
- No WLAN and Bluetooth®

**WWAN**

No support

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

**Front Ports**

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 5V@0.9A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

**Optional Front Ports**

None

**Rear Ports**

- 1x USB-A (Hi-Speed USB / USB 2.0)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4a (HBR2, DSC)
- 1x Ethernet (RJ-45)

**Optional Rear Ports**

- Punch out port 1 (one of VGA / DisplayPort™ / HDMI® / serial / USB-C® (Hi-Speed USB) with DisplayPort™ function)
- Punch out port 2 (one of VGA / DisplayPort™ / HDMI® / serial / RJ-45)

---

**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™, 3 x 7 mm

#### Chassis Intrusion Switch

Chassis intrusion switch

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

- Administrator password
- Power-on password
- Hard disk password
- Boot sequence control
- Certificate based BIOS authentication
- Cover presence switch
- Individual USB port disablement
- Secure Boot
- Secure Wipe
- Self-healing BIOS
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)

## MANAGEABILITY

### System Management

#### System Management<sup>[1]</sup>

- Intel® vPro® Enterprise
- Non-vPro®

Notes:

[1] Intel® vPro® offers a superset of DASH's defined capabilities.

## SERVICE

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

#### Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year limited onsite service
- 3-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://pcsupport.lenovo.com/warranty>.

## 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>

85% PCC recycled plastic used in product chassis

95% PCC recycled plastic used in USB keyboard/mouse

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® 8.0
- (Optional) EPEAT™ Silver Registered
- (Optional) EPEAT™ Gold Registered
- ENERGY STAR® 8.0
- ErP Lot 3 and Lot 7
- RoHS compliant
- TCO Certified

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

#### Mil-Spec Test

MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Humidity, Sand and Dust, Vibration, Shock, Solar Radiation, Contamination by Fluids, Salt Fog, Temperature Shock)

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.

- 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.



