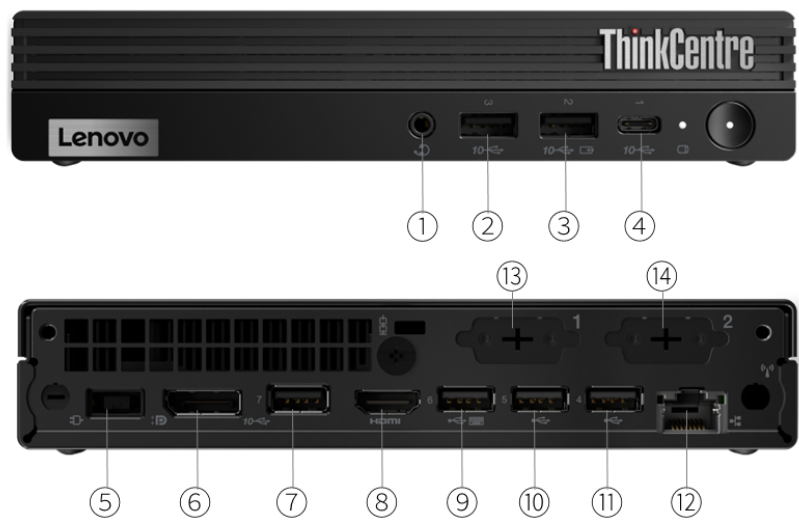


OVERVIEW



| | |
|--|--|
| 1. Headphone / microphone combo jack (3.5mm) | 8. HDMI |
| 2. USB-A (USB 10Gbps) | 9. USB-A (Hi-Speed USB), with Smart Power On |
| 3. USB-A (USB 10Gbps), Always On | 10. USB-A (Hi-Speed USB) |
| 4. USB-C (USB 10Gbps), data transfer only | 11. USB-A (Hi-Speed USB) |
| 5. Power connector | 12. Ethernet (GbE RJ-45) |
| 6. DisplayPort 1.4a | 13. Punch out port 1 * |
| 7. USB-A (USB 10Gbps) | 14. Punch out port 2 * |

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 3 / 5 8000 or Ryzen™ 3 / 5 / 7 PRO 8000 Series Processor

Processor**

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics | NPU |
|-----------------------------------|-------|---------|----------------|---------------|------------------|--------------------|------------------------------|
| AMD Ryzen™ 3 8300GE | 4 | 8 | 3.5GHz | 4.9GHz | 4MB L2 / 8MB L3 | AMD Radeon™ 740M | - |
| AMD Ryzen™ 3 8350G ^[1] | 4 | 8 | 3.3GHz | 4.6GHz | 4MB L2 / 8MB L3 | AMD Radeon™ 740M | AMD Ryzen™ AI, up to 16 TOPS |
| AMD Ryzen™ 3 PRO 8300GE | 4 | 8 | 3.5GHz | 4.9GHz | 4MB L2 / 8MB L3 | AMD Radeon™ 740M | - |
| AMD Ryzen™ 5 8500GE | 6 | 12 | 3.4GHz | 5.0GHz | 6MB L2 / 16MB L3 | AMD Radeon™ 740M | - |
| AMD Ryzen™ 5 PRO 8500GE | 6 | 12 | 3.4GHz | 5.0GHz | 6MB L2 / 16MB L3 | AMD Radeon™ 740M | - |
| AMD Ryzen™ 5 PRO 8600GE | 6 | 12 | 3.9GHz | 5.0GHz | 6MB L2 / 16MB L3 | AMD Radeon™ 760M | AMD Ryzen™ AI |
| AMD Ryzen™ 7 PRO 8700GE | 8 | 16 | 3.6GHz | 5.1GHz | 8MB L2 / 16MB L3 | AMD Radeon™ 780M | AMD Ryzen™ AI |

Notes:

[1] AMD Ryzen™ 3 8350G will be available on special bid

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
- IGEL Linux (with License)
- IGEL Linux (no License)^[1]
- No preload operating system

Notes:

[1] The device is preload with a free evaluation license. The evaluation license will be valid for a period of 90 days.

Graphics

Graphics**^[1]

| Graphics | Type | Memory | TGP | Connector | Key Features |
|------------------|------------|--------|---------------|---|--------------|
| AMD Radeon™ 740M | Integrated | Shared | Share CPU TDP | 4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP), 1920x1200@60Hz(VGA), 4096x2160@60Hz(USB-C® with DP function) | DirectX® 12 |
| AMD Radeon™ 760M | Integrated | Shared | Share CPU TDP | 4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP), 1920x1200@60Hz(VGA), 4096x2160@60Hz(USB-C® with DP function) | DirectX® 12 |
| AMD Radeon™ 780M | Integrated | Shared | Share CPU TDP | 4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP), | DirectX® 12 |

| | | | | | |
|--|--|--|--|---|--|
| | | | | 1920x1200@60Hz(VGA), 4096x2160@60Hz(USB-C® with DP function) | |
|--|--|--|--|---|--|

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 4 independent displays via onboard ports (DisplayPort™ + HDMI®) and optional ports (VGA / 2nd DP / 2nd HDMI® / USB-C® / 2x DP)

Chipset

Chipset

AMD PRO 600 chipset

Memory

Max Memory^[1]

Up to 32GB (2x 16GB DDR5 SODIMM); 64GB (2x 32GB) is special bids only

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type^[2]

DDR5-5200

Notes:

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

[2] Installed memory is actually DDR5-5600 but will run at DDR5-5200 due to the memory support capability of processor.

Storage

Max Storage Support^[1]

Up to two drives, 2x M.2 2280 SSD, up to 1TB each

Storage Type

| Disk Type | Interface | Offering | Security |
|-----------------------------|---------------------------------------|---------------------|----------|
| M.2 2280 SSD | PCIe® NVMe®, PCIe® 4.0 x4 | 256GB / 512GB / 1TB | Opal 2.0 |
| M.2 2280 SSD ^[2] | PCIe® NVMe®, PCIe® 4.0 x4 Performance | 512GB / 1TB / 2TB | Opal 2.0 |

Notes:

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

[2] 1TB Performance SSD is special bids only.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC233 codec

Speakers

- No speakers
- Premium single speaker, 2W x1^[1]
- Single speaker

Notes:

[1] Premium speaker is for special bids only.

Power Supply

Power Supply**[1]

| Power | Type | Efficiency | Key Features |
|------------------|---------|------------|--------------|
| 65W | Adapter | 89% | Autosensing |
| 90W | Adapter | 89% | 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 (12RS) models.
- Or order an additional 135W power adapter for AMD Ryzen™ 5 PRO 8600GE and Ryzen™ 7 PRO 8700GE, if original power adapter is 90W or 65W.

For detailed information, please refer to [ThinkCentre® M75q Gen 5 Adapter Matrix](#)

DESIGN

Input Device

Keyboard**

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

Mouse

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

Mechanical

Form Factor

Tiny (1L)

Dimensions (WxDxH)^[1]

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

Packaging Dimensions (WxDxH)

494 x 250 x 128 mm (19.45 x 9.84 x 5.04 inches)

Weight^[2]

| Models | Weight |
|-----------|---------------------------|
| Tiny only | Around 1.25 kg (2.76 lbs) |

Case Color

Black

Expansion Slots

Three M.2 slots (one for WLAN, two for SSD)^[3]

EOU

(Optional) toolless chassis open (toolless chassis screw required) and toolless M.2 SSD, memory assembly / removal

Stand

- Vertical stand
- No stand

IO Box

No IO box

Mounting

- VESA mount bracket kit, supports VESA mount 75mm and 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.

[3] M.2 slot for SSD is M.2 PCIe® 4.0 x4 slot, supports up to 64Gbps on NVMe® drives

CONNECTIVITY

Network

WLAN + Bluetooth®[1]**

- MediaTek Wi-Fi® 6 MT7921, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- AMD Wi-Fi® 6E RZ616, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- MediaTek Wi-Fi® 7 MT7925, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card
- Realtek® Wi-Fi® 7 RTL8922AE, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4
- No WLAN and Bluetooth®

Onboard Ethernet

Gigabit Ethernet, Realtek® RTL8111FP, 1x RJ-45, supports DASH and Wake-on-LAN

Optional Ethernet

No optional Ethernet

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-C® (USB 10Gbps / USB 3.2 Gen 2), 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 (USB 10Gbps / USB 3.2 Gen 2)
- 3x USB-A (Hi-Speed USB / USB 2.0)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4 (HBR2, DSC)
- 1x Ethernet (GbE RJ-45)

Optional Rear Ports

- Punch out port 1 (one of VGA / DisplayPort™ / HDMI® / serial / USB-C® 3.2 Gen 1 with DisplayPort™ functions)
- Punch out port 2 (serial)
- 2x USB 3.2 Gen 1 ports (share one USB 3.2 Gen 1 bandwidth, occupy optional port 1 and 2)
- 2x DP (occupies port 1 and 2)

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

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^[1]

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- Hard disk password
- Power-on password
- Absolute persistence module
- Boot sequence control
- Boot without keyboard and mouse
- Cover tamper detected
- Certificate-based BIOS authentication
- Configuration change detection
- Individual USB port disablement
- Secure wipe
- Secure boot
- Self-healing BIOS^[2]
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- More BIOS security features, please visit [BIOS Simulator](#)^[3]

Notes:

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

[2] Self-healing BIOS is only available via Special Bids.

[3] 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

- DASH
- Non-DASH

SERVICE

Warranty^[1]

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://support.lenovo.com/warrantylookup/warrantypolicy>.

ACCESSORIES

Bundled Accessories

Bundled Accessories***

- DP to DVI dongle
- DP to Dual DP dongle
- DP to HDMI® dongle
- DP to VGA cable (1.5m)
- DP to VGA dongle
- HDMI® 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)

CERTIFICATIONS

Green Certifications^[1]

Green Certifications

- (Optional) ENERGY STAR® 8.0
- (Optional) EPEAT™ Gold Registered^[2]
- ErP Lot 3
- RoHS compliant
- TCO Certified 9.0

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>.

[2] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

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, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Solar Radiation, Contamination by Fluids, Salt Fog)

- 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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