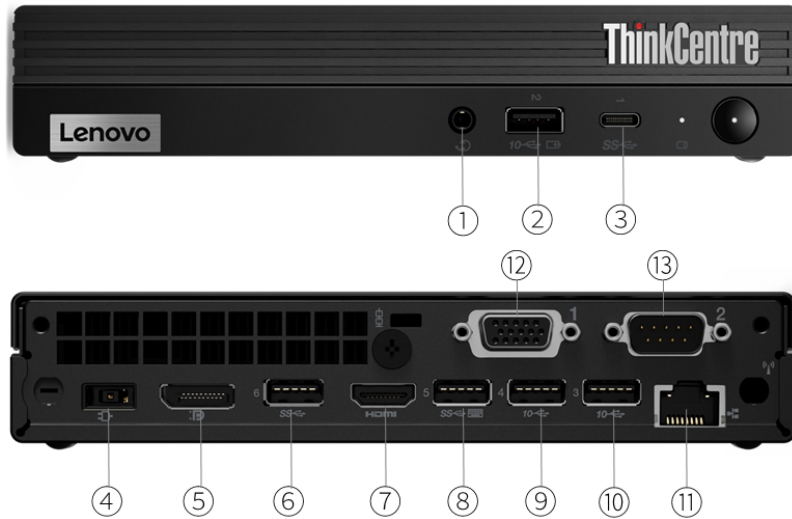


OVERVIEW



| | |
|--|---|
| 1. Headphone / microphone combo jack (3.5mm) | 8. USB 3.2 Gen 1 |
| 2. USB 3.2 Gen 2 | 9. USB 3.2 Gen 2 |
| 3. USB-C 3.2 Gen 1 | 10. USB 3.2 Gen 2 |
| 4. Power connector | 11. Ethernet (RJ-45) |
| 5. DisplayPort | 12. Optional port 1 (VGA is shown) * |
| 6. USB 3.2 Gen 1 | 13. Optional port 2 (serial is shown) * |
| 7. HDMI | |

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

Intel® Celeron®, Intel Pentium®, 10th Generation Intel Core™ i3, or 11th Generation Intel Core i5 / i7 / i9 Processor

Processor**

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics |
|---------------------|-------|---------|----------------|-----------------------|-------|----------------|------------------------|
| Celeron G5905T | 2 | 2 | 3.3GHz | - | 4MB | DDR4-2666 | Intel UHD Graphics 610 |
| Pentium Gold G6405T | 2 | 4 | 3.5GHz | - | 4MB | DDR4-2666 | Intel UHD Graphics 610 |
| Pentium Gold G6505T | 2 | 4 | 3.6GHz | - | 4MB | DDR4-2666 | Intel UHD Graphics 630 |
| Core i3-10105T | 4 | 8 | 3.0GHz | 3.9GHz ^[1] | 6MB | DDR4-2666 | Intel UHD Graphics 630 |
| Core i3-10305T | 4 | 8 | 3.0GHz | 4.0GHz ^[2] | 8MB | DDR4-2666 | Intel UHD Graphics 630 |
| Core i5-10400T | 6 | 12 | 2.0GHz | 3.6GHz ^[3] | 12MB | DDR4-2666 | Intel UHD Graphics 630 |
| Core i5-10500T | 6 | 12 | 2.3GHz | 3.8GHz ^[4] | 12MB | DDR4-2666 | Intel UHD Graphics 630 |
| Core i5-11400T | 6 | 12 | 1.3GHz | 3.7GHz ^[5] | 12MB | DDR4-3200 | Intel UHD Graphics 730 |
| Core i5-11500T | 6 | 12 | 1.5GHz | 3.9GHz ^[6] | 12MB | DDR4-3200 | Intel UHD Graphics 750 |
| Core i5-11600T | 6 | 12 | 1.7GHz | 4.1GHz ^[7] | 12MB | DDR4-3200 | Intel UHD Graphics 750 |
| Core i7-11700T | 8 | 16 | 1.4GHz | 4.6GHz ^[8] | 16MB | DDR4-3200 | Intel UHD Graphics 750 |
| Core i9-11900T | 8 | 16 | 1.5GHz | 4.9GHz ^[9] | 16MB | DDR4-3200 | Intel UHD Graphics 750 |

Notes:

[1], [2], [3], [4], [5], [6], [7], [8], [9] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see <http://www.intel.com/technology/turboboost/> for more information.

Operating System

Operating System**

- Ubuntu Linux^[1]
- Windows® 10 Home 64
- Windows 10 Home 64 Single Language
- Windows 10 IoT Enterprise
- Windows 10 Pro 64
- Windows 11 DG Windows 10 Pro 64
- Windows 11 Home
- Windows 11 Home Single Language
- Windows 11 Pro
- No operating system

Notes:

[1] Some features may not be supported on the system with Linux preload, including but not limited to Intel RST RAID, Human Presence Detection, etc.

Graphics

Graphics**

| Graphics | Type | Memory | Connector | Max Resolution | Key Features |
|------------------------|------------|--------|--|---|--------------|
| Intel UHD Graphics 730 | Integrated | Shared | 1x HDMI®, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C® / dual DP) | 4096x2160@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX® 12 |
| Intel UHD Graphics 750 | Integrated | Shared | 1x HDMI, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C / dual DP) | 4096x2304@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX 12 |
| Intel UHD graphics 610 | Integrated | Shared | 1x HDMI, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C / dual DP) | 4096x2304@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX 12 |
| Intel UHD graphics 630 | Integrated | Shared | 1x HDMI, 1x DP, 1x optional video port (2nd HDMI / VGA / 2nd DP / USB-C / dual DP) | 4096x2160@24Hz(onboard HDMI), 4096x2304@60Hz(DP), 3840x2160@60Hz(Dual DP, MST mode), 2048x1536@50Hz(VGA), 4096x2304@60Hz(USB-C) | DirectX 12 |

Monitor Support
Monitor Support

Supports up to 3 independent displays via (onboard DP, onboard HDMI, and one optional port [VGA / 2nd DP / 2nd HDMI / USB-C]) or (one onboard port [DP / HDMI] and optional dual DP [MST mode])

Chipset
Chipset

AMD PRO 560 chipset

Memory
Max Memory^[1]

Up to 64GB DDR4-2933

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Type**

- DDR4-2666
- DDR4-2933
- DDR4-3200

Notes:

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

Storage
Storage Support^[1]

Up to two drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- M.2 SSD up to 2TB

Storage Type***

| Disk Type | Interface | RPM | Security |
|---------------|-------------|------|----------|
| 2.5" SATA HDD | SATA 6Gb/s | 7.2K | - |
| M.2 2242 SSD | PCIe® NVMe® | - | - |
| M.2 2280 SSD | PCIe NVMe | - | Opal |

RAID

No support

ThinkCentre M70q Gen 2

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

Removable Storage

Optical**

- DVD-ROM, slim (9.0mm), via USB external ODD box
- DVD burner (DVD±RW), slim (9.0mm), via USB external ODD box
- None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC233VB codec

Speakers

Single speaker, 1.5W x1

Power Supply

Power Supply**

| Power | Type | Efficiency | Key Features |
|-----------------|---------|------------|--------------|
| 65W | Adapter | 89% | Autosensing |
| 135W | Adapter | 89% | Autosensing |
| No power supply | - | - | - |

DESIGN

Input Device

Keyboard**

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

Mouse**

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
- Lenovo Fingerprint Mouse (USB connector), black (EOL on Jan, 2023)
- 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 with rubber feet) |
| With VESA mount & ODD box | 186.6 x 204.2 x 64 mm (7.33 x 8.04 x 2.52 inches) |

Weight^[2]

| Models | Weight |
|---------------------------|---------------------------|
| Tiny only | Around 1.25 kg (2.76 lbs) |
| With VESA mount & ODD box | Around 1.74 kg (3.84 lbs) |

Case Color

Black

Bays

1x 2.5" disk bay

Expansion Slots

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

EOU

(Optional) toolless chassis open (toolless chassis screw required) and toolless M.2 SSD, HDD, 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.

CONNECTIVITY

Network

Onboard Ethernet

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

Optional Ethernet

No optional Ethernet

WLAN + Bluetooth[®]**

- Realtek RTL8822CE, 802.11ac Dual Band 2x2 Wi-Fi[®] + Bluetooth 5.0, M.2 card
- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, Intel vPro[®] technology support, M.2 card
- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.1, M.2 card^[1]
- Intel Wi-Fi 6 AX201, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card^[2]
- No WLAN and Bluetooth

Notes:

[1], [2] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

Ports^[1]

Front Ports

- 1x USB-C 3.2 Gen 1
- 1x USB 3.2 Gen 2 (Always On and fast charge)
- 1x headphone / microphone combo jack (3.5mm)

Optional Front Ports

None

Rear Ports

- 2x USB 3.2 Gen 1
- 2x USB 3.2 Gen 2
- 1x HDMI
- 1x DisplayPort™
- 1x Ethernet (RJ-45)

Optional Rear Ports

- Optional port 1 (one of VGA / 2nd DisplayPort / 2nd HDMI / serial / USB-C 2.0 with DisplayPort function)
- 2x DisplayPort ports (occupy Optional port 1 and 2)
- Optional port 2 (serial)
- 2x USB 3.2 Gen 1 ports (share one USB 3.2 Gen 1 bandwidth, occupy optional 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.

Monitor Cable

Monitor Cable***

- HDMI to HDMI cable (1.5m)
- HDMI to VGA dongle
- DP to VGA dongle
- DP to VGA cable (1.5M)
- DP to dual DP dongle
- DP to DVI-D dongle
- DP to HDMI dongle
- Dual DP to DVI
- Dual DP to HDMI
- No monitor cable

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

- Touch style fingerprint reader on mouse (EOL on Jan, 2023)
- No fingerprint reader

BIOS Security

- Administrator password
- Power-on password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Individual USB port disablement

MANAGEABILITY

System Management

System Management

Non-vPro

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://pcsupport.lenovo.com/warranty>.

ENVIRONMENTAL

Operating Environment

Temperature

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -40°C (-40°F) to 60°C (140°F)

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) EPEAT™ Gold Registered^[2]
- (Optional) EPEAT Silver Registered^[3]
- ENERGY STAR® 8.0
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

[2], [3] EPEAT is registered where applicable, please see <https://www.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

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be 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,"

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.



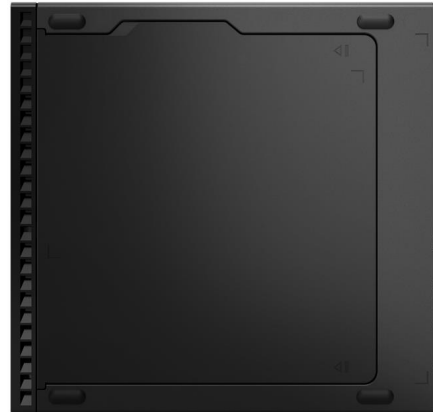
intel



intel



intel



intel



intel



intel