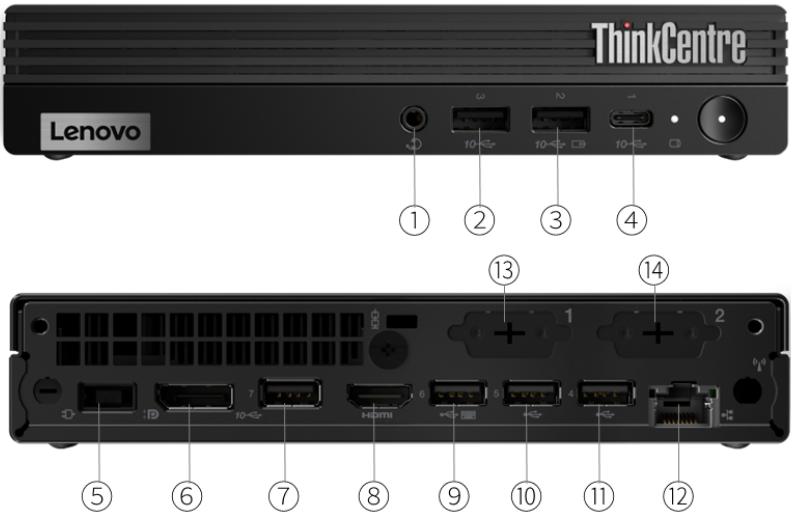


OVERVIEW



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	Memory Support	Processor Graphics	NPU
AMD Ryzen™ 3 8300G ^[1]	4	8	3.4GHz	4.9GHz	4MB L2 / 8MB L3	-	AMD Radeon™ 740M	-
AMD Ryzen™ 3 8300GE	4	8	3.5GHz	4.9GHz	4MB L2 / 8MB L3	-	AMD Radeon™ 740M	-
AMD Ryzen™ 3 8350G ^[2]	4	8	3.3GHz	4.6GHz	4MB L2 / 8MB L3	-	AMD Radeon™ 740M	AMD Ryzen™ AI, up to 16 TOPS
AMD Ryzen™ 3 PRO 8300G ^[3]	4	8	3.4GHz	4.9GHz	4MB L2 / 8MB L3	-	AMD Radeon™ 740M	-
AMD Ryzen™ 3 PRO 8300GE	4	8	3.5GHz	4.9GHz	4MB L2 / 8MB L3	-	AMD Radeon™ 740M	-
AMD Ryzen™ 5 8500G ^[4]	6	12	3.5GHz	5.0GHz	6MB L2 / 16MB L3	-	AMD Radeon™ 740M	-
AMD Ryzen™ 5 8500GE	6	12	3.4GHz	5.0GHz	6MB L2 / 16MB L3	-	AMD Radeon™ 740M	-
AMD Ryzen™ 5 8505G	6	12	3.5GHz	5.0GHz	6MB L2 / 16MB L3	DDR5-5200	AMD Radeon™ 740M	-
AMD Ryzen™ 5 8505GE	6	12	3.4GHz	5.0GHz	6MB L2 / 16MB L3	DDR5-5200	AMD Radeon™ 740M	-
AMD Ryzen™ 5 PRO 8500G ^[5]	6	12	3.5GHz	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, up to 16 TOPS
AMD Ryzen™ 7 8700G ^[6]	8	16	4.2GHz	5.1GHz	8MB L2 / 16MB L3	-	AMD Radeon™ 780M	AMD Ryzen™ AI, up to 16 TOPS
AMD Ryzen™ 7 PRO 8700G ^[7]	8	16	4.2GHz	5.1GHz	8MB L2 / 16MB L3	-	AMD Radeon™ 780M	AMD Ryzen™ AI, up to 16 TOPS
AMD Ryzen™ 7 PRO 8700GE	8	16	3.6GHz	5.1GHz	8MB L2 / 16MB L3	-	AMD Radeon™ 780M	AMD Ryzen™ AI, up to 16 TOPS
AMD Ryzen™ 7 PRO 8705GE	8	16	3.6GHz	5.1GHz	8MB L2 / 16MB L3	DDR5-5200	AMD Radeon™	AMD Ryzen™ AI, up to 16 TOPS

							780M	
--	--	--	--	--	--	--	------	--

Notes:

[1], [3], [4], [5], [6], [7] The device integrates a 65W CPU in 35W power mode, offering identical performance to regular 35W processors

[2] 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	Connector	Key Features
AMD Radeon™ 740M	Integrated	Shared	4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP), 1920x1200@60Hz(VGA), 4096x2160@60Hz(USB-C® with DP function)	DirectX® 12
AMD Radeon™ 760M	Integrated	Shared	4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP), 1920x1200@60Hz(VGA), 4096x2160@60Hz(USB-C® with DP function)	DirectX® 12
AMD Radeon™ 780M	Integrated	Shared	4096x2160@60Hz(HDMI®), 4096x2160@60Hz(DP), 1920x1200@60Hz(VGA), 4096x2160@60Hz(USB-C® with DP function)	DirectX® 12

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**

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

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

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

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, M.2 card
- 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

- Absolute persistence module
- Administrator password
- Boot sequence control
- Boot without keyboard and mouse
- Configuration change detection
- Certificate-based BIOS authentication
- Cover tamper detected
- Individual USB port disablement
- Hard disk password
- Power-on password
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Self-healing BIOS^[2]
- Secure boot
- Secure wipe
- 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, generation 9

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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AMD



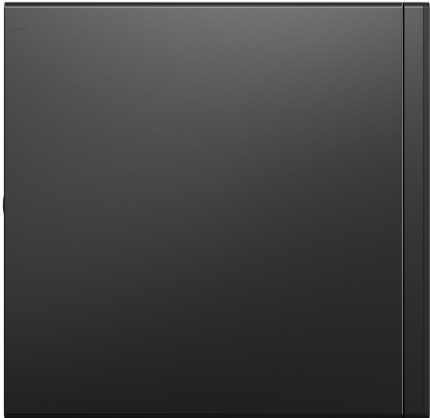
AMD



AMD



AMD



AMD



AMD

PERFORMANCE

Display Size

21.5"

View Area

476.1x267.8 mm

Panel

In-Plane Switching

Backlight

WLED

Aspect Ratio

16:9

Resolution

1920x1080

Pixel Pitch

0.248x0.248 mm

Dot / Pixel Per Inch

102 dpi

View Angle (H / V)

178° / 178°

Response Time

4 ms (Extreme mode) / 6 ms (Typical mode) / 14 ms (Off mode)

Color Support

16.7 Million

Refresh Rate

60 Hz

Brightness

250 nits

Contrast Ratio

1000:1

Color Gamut

99% sRGB

Anti-glare

Yes

Curvature

None

Camera

None

Microphone

None

Speakers

None

Power Consumption (Typical / Maximum)

15W / 48W

Power Adapter

Integrated

Touchscreen

None

Smart System

None

DESIGN

Stand

Tilt, Swivel, Pivot, Height Adjust Stand

Case Color

Raven Black

Side Bezel Width

2.0 mm

Dimensions with Stand (HxWxD)

487.4x498.3x194.7 mm / 19.19x19.62x7.67 inches

Weight (Including Stand)

4.9 kg / 10.8 lbs.

Mounting

Supports VESA mount 100mm

ThinkCentre® M Series Support

Tiny Support

CONNECTIVITY

USB Port

4x USB 3.2 Gen 1, 1x USB-B 3.2 Gen 1

Video Connector

1x HDMI® 1.4, 1x DP 1.2, 1x VGA

Network Connectivity

None

SERVICE

Base Warranty

3-year

CERTIFICATIONS

Environmental Certification

ENERGY STAR® Certified, TCO 9.0, TCO Edge 2.0, EPEAT™ Gold, RoHS

Ergonomic Certification

Eyesafe® Display 2.0, TÜV Low Blue Light (Hardware solution), TÜV Rheinland® Low Blue Light, TÜV Rheinland Flicker Free, TÜV Rheinland Eye Comfort

Sync Technology

None

SOFTWARE

Operating System

Support Windows® 10, Windows 11

ACCESSORIES

Video Cables

HDMI® cable, USB Type-A to Type-B cable

MODEL

Announce Date : 2022-08-01
 EAN / UPC : 0196380286032 / 196380286032 / None
 JAN



Premium Care - Advanced Support from Real People. Real Fast.



REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.



HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.



PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty – Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades – Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XEON80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...



ThinkCentre Tiny Sandwich Kit II

4XH0N04098

The ThinkCentre Tiny Sandwich Kit II is a mechanical bracket which can mount your ThinkCentre Tiny PC between monitor and ThinkCentre Extend Arm. The Tiny Sandwich kit enables more desktop and floor space while provid...

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

Lenovo

PSREF
Product Specifications
Reference