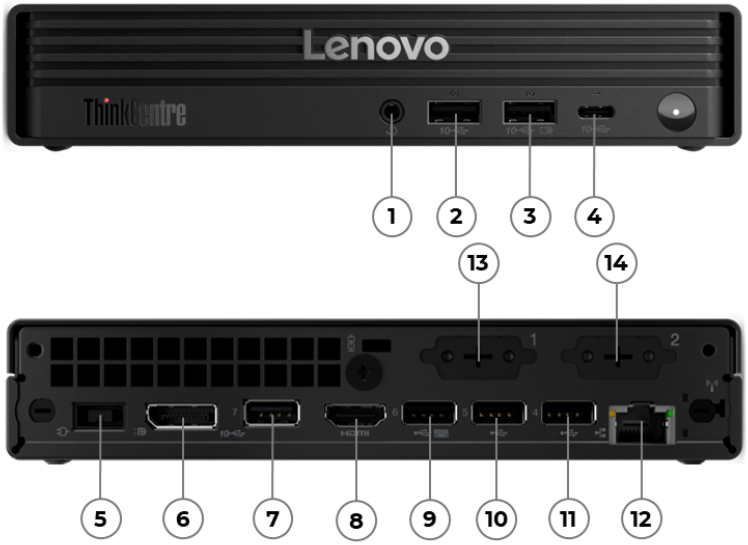
OVERVIEW



1. Headphone / microphone combo jack (3.5mm)	8. HDMI 2.1 TMDS
2. USB-A (USB 10Gbps)	9. USB-A (Hi-Speed USB), with Smart Power On
3. USB-A (USB 10Gbps), 5V@2.1A charging, always on	10. USB-A (Hi-Speed USB)
4. USB-C (USB 10Gbps), 5V@0.9A charging	11. USB-A (Hi-Speed USB)
5. Power connector	12. Ethernet (GbE RJ-45)
6. DisplayPort 2.1 UHBR10	13. Flex I/O port 1 *
7. USB-A (USB 10Gbps)	14. Flex I/O port 2 *

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 5 / 7 AI 400 or Ryzen™ 5 / 7 AI PRO 400 Series Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
AMD Ryzen™ AI 5 435GE	6	12	2.0GHz	4.5GHz	6MB L2 / 8MB L3	AMD Radeon™ 840M	AMD Ryzen™ AI, up to 50 TOPS
AMD Ryzen™ AI 5 440GE	6	12	2.0GHz	4.8GHz	6MB L2 / 16MB L3	AMD Radeon™ 840M	AMD Ryzen™ AI, up to 50 TOPS
AMD Ryzen™ AI 5 PRO 435GE	6	12	2.0GHz	4.5GHz	6MB L2 / 8MB L3	AMD Radeon™ 840M	AMD Ryzen™ AI, up to 50 TOPS
AMD Ryzen™ AI 5 PRO 440GE	6	12	2.0GHz	4.8GHz	6MB L2 / 16MB L3	AMD Radeon™ 840M	AMD Ryzen™ AI, up to 50 TOPS
AMD Ryzen™ AI 7 450GE	8	16	2.0GHz	5.1GHz	8MB L2 / 16MB L3	AMD Radeon™ 860M	AMD Ryzen™ AI, up to 50 TOPS
AMD Ryzen™ AI 7 PRO 450GE	8	16	2.0GHz	5.1GHz	8MB L2 / 16MB L3	AMD Radeon™ 860M	AMD Ryzen™ AI, up to 50 TOPS

AI (Artificial Intelligence)

AI PC Category**

- Copilot+ PC
- AI PC
- Non-AI PC

NPU

- Integrated AMD Ryzen™ AI, up to 50 TOPS
- None

Operating System

Operating System**

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

Graphics

Graphics**

Graphics	Type	Memory	Max Resolution	Connector	Key Features
AMD Radeon™ 840M	Integrated	Shared	4096x2160@60Hz(HDMI® 2.1 TMDS), 7680x4320@60Hz(HDMI® 2.1 FRL), 7680x4320@60Hz(DP 2.1 UHBR10), 7680x4320@60Hz(USB 4), 3840x2160@60Hz(USB-C® 10Gbps with DP 1.4a HBR3 Alt mode), 1920x1200@60Hz(VGA)	1x HDMI® 2.1 TMDS, 1x DisplayPort™ 2.1 UHBR10, optional port (2x VGA / 2x DP 2.1 UHBR10 / 2x HDMI® 2.1 TMDS / 2x HDMI® 2.1 FRL / 1x USB-C® (USB4®, 40Gbps)/ 1x USB-C® (10Gbps) with DP 1.4a HBR3 Alt mode)	DirectX® 12
AMD Radeon™	Integrated	Shared	4096x2160@60Hz(HDMI® 2.1 TMDS),	1x HDMI® 2.1 TMDS, 1x DisplayPort™ 2.1 UHBR10, optional port (2x VGA / 2x DP 2.1	DirectX® 12

860M			7680x4320@60Hz(HDMI® 2.1 FRL), 7680x4320@60Hz(DP 2.1 UHBR10), 7680x4320@60Hz(USB 4), 3840x2160@60Hz(USB-C® 10Gbps with DP 1.4a HBR3 Alt mode), 1920x1200@60Hz(VGA)	UHBR10 / 2x HDMI® 2.1 TMDS / 2x HDMI® 2.1 FRL / 1x USB-C® (USB4®, 40Gbps)/ 1x USB-C® (10Gbps) with DP 1.4a HBR3 Alt mode)	

Monitor Support

Monitor Support

Supports up to 4 independent displays via onboard DP 2.1 UHBR10, onboard HDMI® 2.1 TMDS, optional Flex I/O port 1 (VGA / HDMI® 2.1 TMDS / HDMI® 2.1 FRL / DP 2.1 UHBR10), and optional Flex 1/O port 2 (VGA / HDMI® 2.1 TMDS / HDMI® 2.1 FRL / Thunderbolt™ 4/ DP 2.1 UHBR10 / USB-C® (USB4®, 40Gbps) / USB-C® (10Gbps) with DP1.4a HBR3 Alt mode)

Chipset

Chipset

AMD PRO 600 chipset

Memory

Max Memory[1]

Up to 64GB DDR5-5600

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type**

- DDR5-5200
- DDR5-5600

Notes:

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

Storage

Max Storage Support[1]

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

Storage Type**

Disk Type	Interface	Security
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	Opal 2.0
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4 Performance	Opal 2.0
M.2 2280 SSD	PCIe® NVMe®, PCIe® 5.0 x4 Performance[2]	Opal 2.0

RAID

RAID 0/1 support (RAID preset only available via special bid models)

Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo® storage offerings.
[2] M.2 PCIe® Gen 5 SSD in the M.2 PCIe® Gen 4 slot is downgraded to PCIe® Gen 4 performance.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Senary SN6145 codec

Speakers**

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

Power Supply

Power Supply**[1]

Power	Type	Efficiency	Key Features
65W	Adapter	89%	Autosensing
90W	Adapter	89%	Autosensing
135W	Adapter	89%	Autosensing
150W	Adapter	90%	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 (13K1, 13K2, 13R6, 13R7, 13JV, 13JW, 13R2, 13R3) models
• Or order an additional 135W power adapter, if original power adapter is 90W or 65W
For detailed information, please refer to ThinkCentre® M75q Gen 6 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
- Lenovo® Fingerprint Mouse (USB connector), black
- Wireless EOS Mouse, black
- No mouse

Mechanical

Form Factor

Tiny (1L)

Dimensions (WxDxH)[1]

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

Packaging Dimensions (WxDxH)

- Tiny without keyboard: 242 x 250 x 187 (9.52 x 9.84 x 7.36 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]

Models	Weight
Tiny only	Around 1.18 kg (2.6 lbs)

Packaging Weight

- Tiny with Calliope Keyboard: 3.8 kg (8.4 lbs)
- Tiny with EOS Keyboard: 3.5 kg (7.72 lbs)
- Tiny only: 2.98 kg (6.57 lbs)

Case Color

Raven black

Expansion Slots

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

EOU

- No support
- Toolless chassis open (toolless chassis screw required)

Stand

- Vertical stand
- No stand

Mounting

- VESA mount bracket kit, supports VESA mount 75mm and 100mm
- None

Others

- Dust filter
- Power adapter cage
- None

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

WLAN + Bluetooth®[1]

- MediaTek Wi-Fi® 6 MT7920, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card
- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.4, 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

- 2.5 Gigabit Ethernet, Realtek® RTL8125BGS, 1x RJ-45, supports Wake-on-LAN
- 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)

Rear Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 2.1 (UHBR10)
- 1x Ethernet (GbE RJ-45)
- 3x USB-A (Hi-Speed USB / USB 2.0), one with smart power-on feature

Optional Rear Ports

- Flex I/O port 2 (one of VGA / DisplayPort™ 2.1 (UHBR10) / HDMI® 2.1 TMDS / HDMI® 2.1 FRL / USB-C® (USB4® 40Gbps) with PD-in 100W (20V@5V), 5V@3A charging and DP function / USB-C® (USB 10Gbps / USB 3.2 Gen 2), 5V@3A charging and DispalyPort 1.4a HBR3 function)
- Flex I/O port 1 (one of VGA / DisplayPort™ 2.1 (UHBR10) / HDMI® 2.1 TMDS / HDMI® 2.1 FRL / Serial / 2.5GbE 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.
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

- (Optional) Kensington® Cable Lock
- Kensington Security Slot™, 3 x 7 mm

Chassis Intrusion Switch

Chassis intrusion switch[1]

Fingerprint Reader

- Touch style fingerprint reader on mouse
- 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
- EC Based (Level2) Self-Healing 2.0
- Individual USB port disablement
- Hard disk password
- Power-on password
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Secure boot
- Secure wipe
- More BIOS security features, please visit BIOS Simulator

Notes:

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

MANAGEABILITY

System Management

System Management**

- AMD PRO technology with DASH and AIM-T
- 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.

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[1]

65% PCC PC/ABS in chassis
95% PCC ABS in KB/mouse
90% recycled, including at least 55% PCC thermoplastic shell
30% OBP bag
FSC carton

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[1]

Green Certifications

- (Optional) ENERGY STAR® 9.0
- (Optional) EPEAT 2.0 Gold Registered
- (Optional) TCO Certified 10
- ErP Lot 3/7
- GREENGUARD®
- Low Halogen
- RoHS compliant

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

Mil-Spec Test

MIL-STD-810H military test passed (Low Pressure [Altitude] 500.6, High Temperature 501.7, Low Temperature 502.7, Temperature Shock 503.7, Contamination by fluids 504.3, Solar Radiation 505.7, Humidity 507.6, Salt Fog 509.8, Blowing Dust 510.7, Vibration 514.8, Shock 516.8)

- 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.
- 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.



AMD



AMD



AMD



AMD



AMD



AMD