

OVERVIEW



1. Smart card reader *	6. 2x Thunderbolt 4
2. Nano-SIM card slot *	7. HDMI
3. USB-A (USB 5Gbps)	8. USB-A (USB 5Gbps), Always On
4. Ethernet (RJ-45)	9. Headphone / microphone combo jack (3.5mm)
5. Kensington Nano Security Slot	

- Notes:
- Items with \* are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 5 / 7 8000 Series Processor

Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
AMD Ryzen™ 5 PRO 8540U	6	12	3.2GHz	4.9GHz	6MB L2 / 16MB L3	AMD Radeon™ 740M	-
AMD Ryzen™ 7 PRO 8840U	8	16	3.3GHz	5.1GHz	8MB L2 / 16MB L3	AMD Radeon™ 780M	AMD Ryzen™ AI

AI (Artificial Intelligence)

AI PC Category

AI PC<sup>[1]</sup>

NPU

Integrated AMD Ryzen™ AI, up to 16 TOPS<sup>[2]</sup>

Notes:

[1], [2] Only for the models with AMD Ryzen™ 7 PRO 8840U processor.

Operating System

Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- Fedora Linux<sup>[1]</sup>
- Ubuntu Linux<sup>[2]</sup>
- Linux<sup>[3]</sup>
- No preload operating system

Notes:

[1], [2], [3] Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

Graphics\*\*

Graphics	Type	Memory	Key Features
AMD Radeon™ 740M	Integrated	Shared	DirectX® 12
AMD Radeon™ 780M	Integrated	Shared	DirectX® 12

Monitor Support

Monitor Support

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and Thunderbolt™)

- HDMI® supports up to 4K@60Hz
- Thunderbolt™ supports up to 5K@60Hz

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory

Up to 64GB DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

DDR5-5600

Storage

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

One drive, up to 2TB M.2 2280 SSD

Storage Slot

One M.2 2280 PCIe® 4.0 x4 slot

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	PCIe® NVMe®, PCIe® 4.0 x4 Performance	512GB / 1TB / 2TB	Opal 2.0

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Microphone

- Dual-microphone array, 360° far-field, Dolby Voice®
- No microphone

Camera\*\*

- 5.0MP + IR discrete, with privacy shutter, fixed focus, temporal noise reduction
- 5.0MP, with privacy shutter, fixed focus, temporal noise reduction
- No camera<sup>[1]</sup>

Notes:

[1] No camera is for special bid only.

Battery

Battery\*\*<sup>[1]</sup>

- Integrated Li-Polymer 39.3Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter<sup>[2]</sup>
- Integrated Li-Polymer 52.5Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Battery Life<sup>[3]</sup>

Configuration 1 (max battery life)  
MobileMark® 25: up to 13.6 hr with 707 performance score @250nits  
JEITA-BAT 3.0 (Video/Idle): up to 10.20 hr / 21.62 hr @200nits  
Local video playback: up to 16.98 hr @150nits

Alternate configuration 2  
MobileMark® 25: up to 12.25 hr with 704 performance score @250nits  
JEITA-BAT 3.0 (Video/Idle): up to 9.23 hr / 16.75 hr @200nits  
Local video playback: up to 15.28 hr @150nits

Alternate configuration 3

MobileMark® 25: up to 9.25 hr with 687 performance score @250nits  
JEITA-BAT 3.0 (Video/Idle): up to 7.88 hr / 12.20 hr @200nits  
Local video playback: up to 12.37 hr @150nits

Notes:

[1] Rapid charge is only guaranteed when the computer is turned off or in standby mode or in hibernation mode. When the computer is powered on, the Charge Time will vary depending on system power consumption and AC adapter power.

[2] 39.3Wh battery is for special bid only.

[3] Configuration 1 (max battery life): WUXGA Low Power (non-touch), AMD Ryzen™ 7 PRO 8840U, 16GB (2x 8GB) DDR5-5600, Win 11, 52.5Wh battery, best power efficiency power mode  
Alternate configuration 2: WUXGA (touch), AMD Ryzen™ 5 PRO 8540U, 16GB (2x 8GB) DDR5-5600, Win 11, 52.5Wh battery, best power efficiency power mode  
Alternate configuration 3: WUXGA (touch), AMD Ryzen™ 5 PRO 8540U, 16GB (2x 8GB) DDR5-5600, Win 11, 39.3Wh battery, best power efficiency power mode

All battery life claims are approximate maximum and based on results using [MobileMark® 25](#), JEITA 3.0, continuous 1080p local video playback (using default Media Player in Fullscreen mode with 150nits brightness and default volume level), or Google Power Load Test (PLT) battery-life benchmark tests.  
Actual battery life will vary depending on many factors such as product configuration, software, wireless functionality, power management settings, and screen brightness.  
The maximum capacity of the battery will decrease with time, ambient temperature and use.  
Refer to [Microsoft® link](#) for more information about the Windows® Performance power slider.

Power Adapter

- Power Adapter\*\*[1]
- 65W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
  - 65W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
  - 65W USB-C® slim (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
  - 65W USB-C® slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
  - No power adapter[2]

Notes:

[1] AC adapter offerings depend on the country.

[2] No power adapter is for special bid only.

DESIGN

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
14"	WUXGA (1920x1200)	None	IPS[1]	400nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	85.73% screen to body ratio, 3M™ DBEF5
14"	WUXGA (1920x1200)	Multi-touch	IPS[2]	400nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	Eyesafe® Certified 2.0, 85.73% screen to body ratio, 3M™ DBEF5
14"	WUXGA (1920x1200)	None	IPS[3]	400nits	Anti-glare	16:10	1000:1	100% sRGB	60Hz	85° / 85° / 85° / 85°	Low power, Eyesafe® Certified 2.0, 85.73% screen to body ratio
14"	WUXGA (1920x1200)	Multi-touch	IPS[4]	500nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	ThinkPad® Privacy Guard, 85.73% screen to body ratio

14"	2.8K (2880x1800)	None	OLED	400nits	Anti-glare, anti- reflection, anti- smudge	16:10	100,000:1	100% DCI- P3	120Hz	85° / 85° / 85° / 85°	DisplayHDR™ True Black 500, Dolby Vision®, Eyesafe® Certified 2.0, 85.73% screen to body ratio
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Touchscreen

- On-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

[1], [2], [3], [4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Pen

No support

Keyboard

6-row, spill-resistant, multimedia Fn keys, Copilot key

Keyboard Backlight

- LED backlight
- Non-backlight

UltraNav™

TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu  
Glass-like Mylar® surface multi-touch touchpad, 61 x 115 mm (2.40 x 4.53 inches)

Mechanical

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

315.9 x 223.7 x 17.7 mm (12.44 x 8.81 x 0.7 inches)

Weight<sup>[2]</sup>

Models	Weight
Models with grey cover and 39.3Wh battery	Starting at 1.37 kg (3.02 lbs)
Models with black cover and 52.5Wh battery	Starting at 1.39 kg (3.06 lbs)
Models with black cover and 39.3Wh battery	Starting at 1.31 kg (2.89 lbs)
Models with grey cover and 52.5Wh battery	Starting at 1.43 kg (3.15 lbs)

Case Color\*\*

- Black
- Grey

Case Material\*\*

- Models with black cover: PC + 20% CF (top), PC + 20% CF (bottom)
- Models with grey cover: aluminium (top), PC + 20% CF (bottom)

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

Ethernet

Gigabit Ethernet, Realtek® RTL8111EPV, 1x RJ-45, supports Wake-on-LAN

**WLAN + Bluetooth®\*\*[1]**

- Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3<sup>[2]</sup>
- Qualcomm® Wi-Fi® 7 NCM825, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.3 (Bluetooth® 5.4 hardware ready)<sup>[3]</sup>

**WWAN\*\***

- Wireless WAN upgradable to 4G (with antenna ready)
- Wireless WAN upgradable to 4G or 5G (with antenna ready)
- Quectel EM061K-GL, 4G LTE CAT6, M.2 Card, with embedded eSIM functionality
- Quectel EM160R-GL, 4G LTE CAT16, M.2 card, with embedded eSIM functionality
- Quectel RM520N-GL, 5G Sub-6 GHz, M.2 Card, with embedded eSIM functionality
- No support

**SIM Card**

No physical SIM card inbox

**NFC<sup>[4]</sup>**

- Near Field Communication
- No support

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**Notes:**

[1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[2] Wi-Fi® 6E full features might be limited by country-level restrictions.

Wi-Fi® 6E is only enabled on Windows® 11 and operates as Wi-Fi® 6 with Windows® 10.

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

Bluetooth® 5.3 operation requires Windows® 11. For more information please visit [General Bluetooth® Support Information on Microsoft®](#).

[3] Wi-Fi® 7 is only enabled on Windows® 11 and operates as Wi-Fi® 6 with Windows® 10.

6GHz Wi-Fi® 7 operation is subject to the regulation rules in each country.

Bluetooth® 5.3 operation requires Windows® 11. For more information please visit [General Bluetooth® Support Information on Microsoft®](#).

[4] NFC is NOT available for grey models.

**Ports<sup>[1]</sup>****Standard Ports**

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

**Optional Ports\*\*\***

- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

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**Notes:**

[1] The transfer speed of the 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.

**Docking****Docking**

Various docking solutions supported via Thunderbolt™.

For more compatible docking solutions, please visit [Docking for ThinkPad® T14 Gen 5 \(AMD\)](#)

**SECURITY & PRIVACY****Security****Security Chip**

Discrete TPM 2.0 (TCG certified, FIPS 140-2 certified) and Microsoft® Pluton TPM 2.0, one enabled at one time

**Physical Locks**

Kensington® Nano Security Slot™, 2.5 x 6 mm

**Smart Card Reader**

- Smart card reader, supports ISO 7816 and EMV
- No smart card reader

**Fingerprint Reader<sup>[1]</sup>**

- Touch style fingerprint reader integrated in power button, match-on-chip
- No fingerprint reader

**BIOS Security**

- Supervisor password
- Power-on password
- System management password
- NVMe® password
- Certificate based BIOS authentication
- FIDO (Fast Identity Online) authentication
- Self-healing BIOS

**Other Security**

- Camera privacy shutter (camera models)
- Privacy Guard with Privacy Alert (models with ThinkPad® Privacy Guard display)
- (Optional) IR camera for Windows® Hello (facial recognition)
- Ultrasonic Human Presence Detection (IR camera models)

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Notes:

[1] Fingerprint reader is standard on grey models and optional on black models.

## MANAGEABILITY

### System Management

**System Management**

DASH

## SERVICE

### Warranty

**Base Warranty\*\***

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 1-year limited onsite service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service
- No base warranty<sup>[1]</sup>

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Notes:

[1] No base warranty is for special bid only.

## ACCESSORIES

### Bundled Accessories

**Bundled Accessories\*\*\*<sup>[1]</sup>**

- Lenovo® HDMI® to VGA Monitor Adapter
- Lenovo® USB-C® to DisplayPort™ Adapter
- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- Lenovo® USB-C® to VGA Adapter
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® T14 Gen 5 \(AMD\)](#).

## OPERATING REQUIREMENTS

### Operating Environment

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

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping package: -20°C (-4°F ) to 60°C (140°F)
- Storage without package: 5°C (41°F) to 43°C (109°F)

#### Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

#### Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

[1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

## ENVIRONMENTAL

### Sustainability

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

30% recycled carbon fiber on black top cover  
50% recycled aluminium on grey top cover  
45% PCC recycled plastic on bottom cover of WWAN models  
30% PCC recycled plastic on bottom cover of non-WWAN models  
90% PCC recycled plastic used in speaker enclosure  
90% PCC recycled plastic used in the battery frame  
85% PCC recycled plastic for backlit keycaps  
70% PCC recycled plastic for non-backlit keycaps  
90% PCC recycled plastic used in 65W and 65W slim adapters  
Plastic free recycled standard packaging

Notes:

[1] PCC: Post Consumer Content, recycled materials from customers.

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications<sup>[2]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 10.0

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™ registration and ENERGY STAR® certification are optional and only available on the models with preloaded OS. Please visit [epeat.net](https://epeat.net) and [energystar.gov](https://energystar.gov) for more information.

[3] EPEAT™ is registered where applicable, please visit [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

#### Mil-Spec Test



MIL-STD-810H military test passed

## Other Certifications

(Optional) Eyesafe® Certified 2.0

- 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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