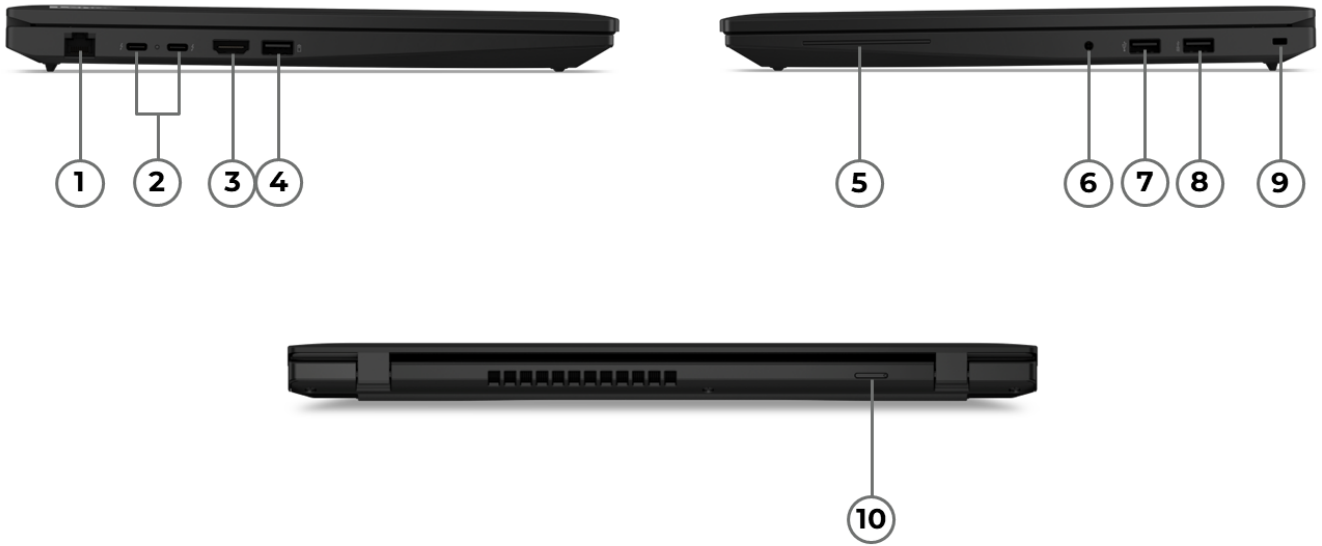# OVERVIEW

1. Ethernet (RJ-45)	6. Headphone / microphone combo jack (3.5mm)
2. 2x Thunderbolt 4	7. USB-A (Hi-Speed USB)
3. HDMI	8. USB-A (USB 5Gbps)
4. USB-A (USB 5Gbps), Always On	9. Kensington Nano Security Slot
5. Smart card reader *	10. Nano-SIM card slot (WWAN model) *

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

PERFORMANCE

Processor

Processor Family

- AMD Ryzen™ 3 / 5 / 7 PRO 200 Series Processor - Hawk Point (HWK)
- AMD Ryzen™ AI 5 / 7 PRO 300 Series Processor - Krackan Point (KRK)

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU	Overall TOPS
AMD Ryzen™ 3 PRO 210 (HWK)	4	8	3.0GHz	4.7GHz	4MB L2 / 8MB L3	AMD Radeon™ 740M	-	-
AMD Ryzen™ 5 PRO 215 (HWK)	6	12	3.2GHz	4.7GHz	6MB L2 / 16MB L3	AMD Radeon™ 740M	-	-
AMD Ryzen™ 5 PRO 230 (HWK)	6	12	3.5GHz	4.9GHz	6MB L2 / 16MB L3	AMD Radeon™ 760M	AMD Ryzen™ AI, up to 16 TOPS	Up to 31 TOPS
AMD Ryzen™ 7 PRO 250 (HWK)	8	16	3.3GHz	5.1GHz	8MB L2 / 16MB L3	AMD Radeon™ 780M	AMD Ryzen™ AI, up to 16 TOPS	Up to 38 TOPS
AMD Ryzen™ AI 5 PRO 340 (KRK)	6	12	2.0GHz	4.8GHz	6MB L2 / 16MB L3	AMD Radeon™ 840M	AMD Ryzen™ AI, up to 50 TOPS	Up to 59 TOPS
AMD Ryzen™ AI 7 PRO 350 (KRK)	8	16	2.0GHz	5.0GHz	8MB L2 / 16MB L3	AMD Radeon™ 860M	AMD Ryzen™ AI, up to 50 TOPS	Up to 66 TOPS

AI (Artificial Intelligence)

AI PC Category**

- AI PC (models with AMD Ryzen™ 5 PRO 230, Ryzen™ 7 PRO 250 processors)[1]
- Copilot+ PC (Krackan Point)[2]

NPU

Integrated AMD Ryzen™ AI, up to 50 TOPS

Notes:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft® Copilot key or using Win + C.

[2] Copilot+ PCs have at least 16GB RAM, 256GB storage, and a NPU that runs 40+ TOPs to run the latest AI tools build-in latest Windows® 11 to accelerate productivity and creativity.

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 IoT Enterprise LTSC 2024
- Windows® 10 IoT Enterprise LTSC 2021
- Ubuntu Linux[1]
- Linux[2]
- No preload operating system

Notes:

[1], [2] 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	TGP	Key Features
AMD Radeon™ 740M	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ 760M	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ 780M	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ 840M	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ 860M	Integrated	Shared	Share CPU TDP	DirectX® 12

Monitor Support

Monitor Support[1]

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and Thunderbolt™)
• HDMI® supports up to 3840x2160@60Hz
• Thunderbolt™ supports up to 7680x4320@60Hz[2]

Notes:

[1] Refresh rates >60hz also supported, however max resolution will be limited.
[2] 8K (7680x4320@60Hz) support needs 2 display pipes. That is, simultaneous display number will "-1" when 8K resolution displayed.

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory[1]

Up to 64GB DDR5-5600[2]

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

DDR5-5600

Notes:

[1] The 64GB memory is for special bid only.
[2] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Max Storage Support[1]

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

Storage Slot[2]

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	2TB	Opal 2.0

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.
[2] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.
PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);
PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);
PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Dolby Atmos®

Microphone

Dual-microphone array, 360° far-field, Elevoc Voice

Camera**

- HD 720p, with privacy shutter, fixed focus
- 5.0MP + IR discrete, with privacy shutter, fixed focus, temporal noise reduction

Battery

Battery**

- 46.5Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter[1]
- 57Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter[2]

Battery Life[3]

Configuration 1 (max battery life)
MobileMark® 25: up to 13.4 hr with 738 performance score @250nits
JEITA-BAT 3.0 (Video/Idle): up to 11.25 hr / 19.16 hr @200nits
Local video playback: up to 19.53 hr @150nits

Configuration 2
MobileMark® 25: up to 13.06 hr with 700 performance score @250nits
JEITA-BAT 3.0 (Video/Idle): up to 10.09 hr / 17.24 hr @200nits
Local video playback: up to 18.48 hr @150nits

Configuration 3
MobileMark® 25: up to 9.81 hr with 690 performance score @250nits
JEITA-BAT 3.0 (Video/Idle): up to 7.81 hr / 13.69 hr @200nits
Local video playback: up to 14.18 hr @150nits

Notes:

[1], [2] 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.
[3] Configuration 1: WUXGA (non-touch), AMD Ryzen™ AI 7 PRO 350, 16GB DDR5, Win 11, 57Wh battery, best power efficiency power mode
Configuration 2: WUXGA (non-touch), AMD Ryzen™ 7 PRO 250, 16GB DDR5, Win 11, 57Wh battery, best power efficiency power mode
Configuration 3: WUXGA (touch), AMD Ryzen™ 5 PRO 215, 16GB DDR5, Win 11, 46.5Wh 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 and depends 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 GaN (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

- 65W USB-C® slim GaN (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

Display**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
16″	WUXGA (1920x1200)	Multi-touch	IPS[1]	400nits	Anti-glare	16:10	1500:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	Eyesafe® Certified 2.0
16″	WUXGA (1920x1200)	Non-touch	IPS[2]	400nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	-

Touchscreen

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

Screen-to-Body Ratio

87%

Notes:

[1], [2] 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, numeric keypad, key travel 1.5mm / 1.35mm (Fn row & G/H/B), Copilot key

Keyboard Backlight

- LED backlight
- Non-backlight

UltraNav™

TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu
Mylar® surface multi-touch 3-button Trackpad, 67.6 x 115 mm (2.66 x 4.53 inches)

Mechanical

Dimensions (WxDxH)[1]

Models	Dimensions
Models with PC-ABS (top) and PC-ABS (bottom)	357.2 x 253.4 x 10.96/19.67 (front/rear), 24.75(maximum) mm; 14.06 x 9.98 x 0.43/0.77 (front/rear), 0.97 (maximum) inches
Models with aluminium (top) and PC-ABS (bottom)	357.6 x 253.6 x 10.96/19.57 (front/rear), 24.25(maximum) mm; 14.08 x 9.98 x 0.43/0.77 (front/rear), 0.95 (maximum) inches

Weight[2]

Starting at 1.79 kg (3.96 lbs)

Case Color

Black

Case Material**

- Aluminium (top), PC-ABS (bottom)[3]

- PC-ABS (top), PC-ABS (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.

[3] Aluminium top cover is for special bid only.

CONNECTIVITY

Network

WLAN + Bluetooth®[1]

MediaTek Wi-Fi® 7 MT7925, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4[2]

WWAN**

- Wireless WAN upgradable to 4G (with antenna ready)
- Quectel EM061K-GL, 4G LTE CAT6, M.2 card, with embedded eSIM functionality
- No support

SIM Card

- KDDI eSIM Program (Japan)[3]
- No physical SIM card inbox

Ethernet

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

NFC

- Near Field Communication
- No support

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® 7 operation is subject to the regulation rules in each country.

[3] KDDI eSIM Program has no physical SIM card inbox and is for special bid only.

Ports[1]

Standard Ports

- 1x USB-A (Hi-Speed USB / USB 2.0)
- 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 3.1 and DisplayPort™ 1.4a
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

Optional Ports***

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

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™ or USB-C®.
For more compatible docking solutions, please visit [Docking for ThinkPad® L16 Gen 2 (AMD)](#)

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0 (TCG certified, FIPS 140-3 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

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

BIOS Security

- NVMe® password
- Power-on password
- Supervisor password
- System management password
- Certificate-based BIOS authentication
- FIDO (Fast Identity Online) authentication
- Self-healing BIOS
- More BIOS security features (Krackan Point), please visit BIOS Simulator
- More BIOS security features (Hawk Point), please visit BIOS Simulator

Other Security

- Camera privacy shutter
- (Optional) IR camera for Windows® Hello (facial recognition)
- ThinkShield
- Privacy Guard with Privacy Alert (software solution)

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

ACCESSORIES

Bundled Accessories

Bundled Accessories***[1]

- Lenovo® HDMI® to VGA Monitor Adapter
- Lenovo® USB-C® to DisplayPort™ Adapter
- Lenovo® USB-C® to VGA Adapter
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for ThinkPad® L16 Gen 2 (AMD).

OPERATING REQUIREMENTS

Operating Environment

Temperature[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping packaging: -20°C (-4°F) to 60°C (140°F)
- Storage without packaging: 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[1]

50% PCC recycled on display cover bezel
60% PCC recycled on keyboard frame
50% PCC recycled on PC/ABS bottom cover
85% PCC recycled plastic used in key caps (backlight)
70% PCC recycled plastic used in key caps (non-backlight)
90% PCC recycled plastic used in speaker enclosure
90% PCC recycled plastic used in the battery pack enclosure
90% PCC recycled plastic used in slim GaN 65W adapters and standard 65W adapters
100% plastic-free primary packaging
TOTAL PCC: 21.72-23.49%

Notes:

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

CERTIFICATIONS

Green Certifications[1]

Green Certifications[2]

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered[3]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

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 and energystar.gov for more information.
[3] EPEAT™ is registered where applicable, please visit 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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