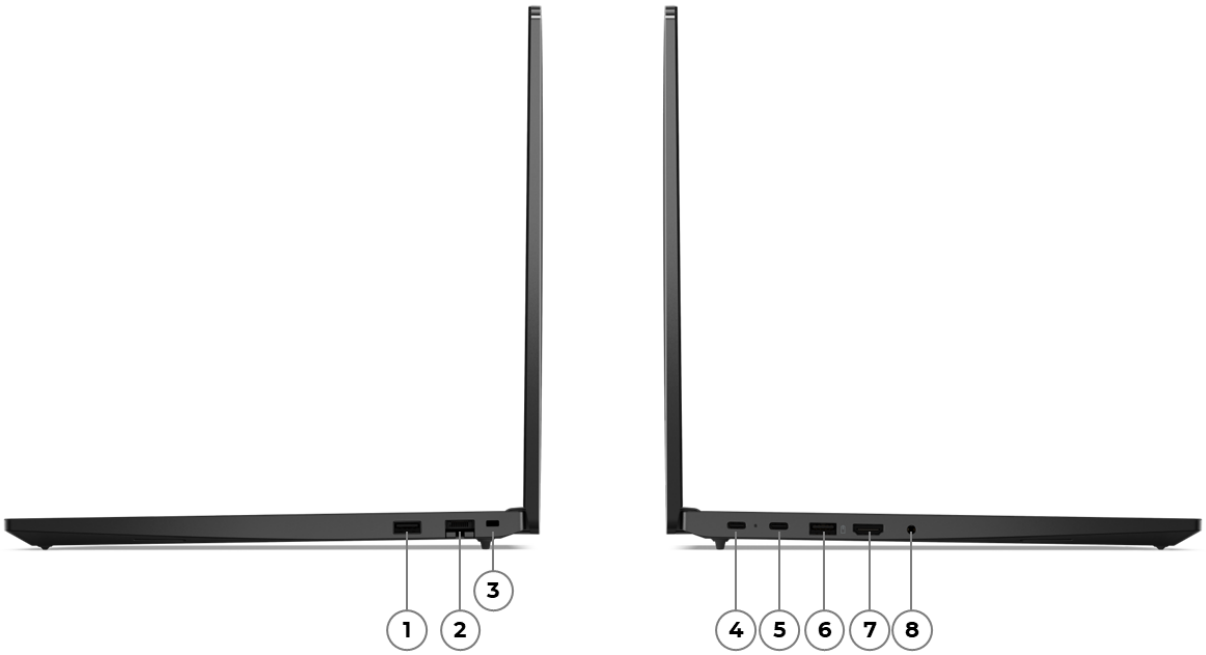
OVERVIEW



1. USB-A (USB 5Gbps)	5. USB-C (USB 10Gbps), with USB PD 3.0 & DP 1.4
2. Ethernet (RJ-45)	6. USB-A (USB 10Gbps), Always On
3. Kensington Nano Security Slot	7. HDMI
4. USB-C (USB 5Gbps), with USB PD 3.0 & DP 1.4	8. Headphone / microphone combo jack (3.5mm)

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 3 / 5 / 7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
AMD Ryzen™ 3 7335U	4	8	3.0GHz	4.3GHz	2MB L2 / 8MB L3	AMD Radeon™ 660M Graphics
AMD Ryzen™ 5 7535HS	6	12	3.3GHz	4.55GHz	3MB L2 / 16MB L3	AMD Radeon™ 660M Graphics
AMD Ryzen™ 5 7535U	6	12	2.9GHz	4.55GHz	3MB L2 / 16MB L3	AMD Radeon™ 660M Graphics
AMD Ryzen™ 7 7735HS	8	16	3.2GHz	4.75GHz	4MB L2 / 16MB L3	AMD Radeon™ 680M Graphics
AMD Ryzen™ 7 7735U	8	16	2.7GHz	4.75GHz	4MB L2 / 16MB L3	AMD Radeon™ 680M Graphics

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- No preload operating system

Graphics

Graphics**

Graphics	Type	Memory	TGP	Key Features
AMD Radeon™ 660M	Integrated	Shared	Share CPU TDP	DirectX® 12
AMD Radeon™ 680M	Integrated	Shared	Share CPU TDP	DirectX® 12

Monitor Support

Monitor Support

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and USB-C®)
• HDMI® supports up to 4K@60Hz
• USB-C® (USB 10Gbps) supports up to 5K@60Hz
• USB-C® (USB 5Gbps) supports up to 4K@60Hz

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory[1]

Up to 64GB DDR5-4800

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

DDR5-4800

Notes:

[1] Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.

Storage

Storage Support[1]

Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB
• M.2 2280 SSD up to 1TB

Storage Slot

Two M.2 slots
• One M.2 2242 PCIe® 4.0 x4 slot
• One M.2 2280 PCIe® 4.0 x4 slot

Storage Type

Disk Type	Interface	Offering	Security
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB / 1TB	Opal 2.0

Notes:

[1] The system supports dual SSD via two M.2 slots, but Lenovo® only offers one M.2 2242 SSD configuration and M.2 2280 slot for user self-extension.

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Senary SN6141 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®, audio by HARMAN

Microphone

Dual-microphone array with smart noise-cancelling

Camera**

- FHD 1080p + IR hybrid, with privacy shutter, fixed focus
- FHD 1080p, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

Battery

Battery**

- Integrated Li-Polymer 47Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)
- Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Battery Life[1]

Configuration 1 (max battery life)
MobileMark® 25: up to 13.2 hr with 589 performance score @250nits
JEITA 3.0 (Video/Idle): up to 13.19 hr / 24.3 hr @200nits
Local video playback: up to 22.02 hr @150nits

Alternate configuration 2
MobileMark® 25: up to 12.38 hr with 610 performance score @250nits
JEITA 3.0 (Video/Idle): up to 11.06 hr / 17.7 hr @200nits
Local video playback: up to 17.75 hr @150nits

Alternate configuration 3
MobileMark® 25: up to 8.93 hr with 634 performance score @250nits
JEITA 3.0 (Video/Idle): up to 7.61 hr / 13.6 hr @200nits
Local video playback: up to 13.49 hr @150nits

Notes:

[1] Configuration 1 (max battery life): WUXGA (non-touch), AMD Ryzen™ 7 7735HS, 8GB DDR5, Win 11, 57Wh battery, best power efficiency power mode

Alternate configuration 2: WUXGA (non-touch), AMD Ryzen™ 7735U, 8GB DDR5, Win 11, 57Wh battery, best power efficiency power mode
Alternate configuration 3: WUXGA (touch), AMD Ryzen™ 5 7535U, 8GB+8GB DDR5, Win 11, 47Wh 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

Notes:

[1] AC adapter offerings depend on the country.

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)	None	IPS[1]	300nits	Anti-glare	16:10	800:1	45% NTSC	60Hz	85°/85°/85°/85°	TÜV Low Blue Light (Software)
16″	WUXGA (1920x1200)	Multi-touch	IPS[2]	300nits	Anti-glare	16:10	800:1	45% NTSC	60Hz	85°/85°/85°/85°	TÜV Low Blue Light (Software)
16″	WUXGA (1920x1200)	None	IPS[3]	400nits	Anti-glare	16:10	1000:1	100% sRGB	60Hz	85°/85°/85°/85°	Eyesafe® Certified 2.0
16″	WQXGA (2560x1600)	None	IPS[4]	400nits	Anti-glare	16:10	1200:1	100% sRGB	60Hz	85°/85°/85°/85°	Eyesafe® Certified 2.0

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

Keyboard

6-row, spill-resistant, multimedia Fn keys, numeric keypad

Keyboard Backlight

- LED backlight
- Non-backlight

UltraNav™

TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu
Mylar® surface multi-touch touchpad, 68 x 115 mm (2.68 x 4.53 inches)

Mechanical

Dimensions (WxDxH)[1]

Models	Dimensions
Models with aluminium (top) and aluminium (bottom)	356.1 x 247.7 x 19.85 mm (14.02 x 9.75 x 0.78 inches)
Models with aluminium (top) and PC-ABS (bottom)	356.1 x 247.7 x 20.20 mm (14.02 x 9.75 x 0.80 inches)

Weight[2]

Models	Weight
Models with aluminium (top) and PC-ABS (bottom)	Starting at 1.78 kg (3.92 lbs)
Models with aluminium (top) and aluminium (bottom)	Starting at 1.81 kg (3.99 lbs)

Case Color

Black

Case Material**

- Aluminium (top), PC-ABS (bottom)
- Aluminium (top), aluminium (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® RTL8111H-CG, 1x RJ-45, supports Wake-on-LAN

WLAN + Bluetooth®**[1]

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- 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
- Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card[2]
- Realtek® Wi-Fi® 6E RTL8852CE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card[3]

WWAN

No support

SIM Card

No physical SIM card inbox

NFC

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

Ports[1]

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with USB PD 3.0 and DisplayPort™ 1.4
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

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 USB-C®.
For more compatible docking solutions, please visit Docking for ThinkPad® E16 Gen 2 (AMD)

SECURITY & PRIVACY

Security

Security Chip**

- Discrete TPM 2.0, TCG certified, FIPS 140-2 certified
- 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

No smart card reader

Fingerprint Reader

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

BIOS Security

- Supervisor password
- Power-on password
- NVMe® password
- Self-healing BIOS

Other Security

- (Optional) IR camera for Windows® Hello (facial recognition)
- Camera privacy shutter

MANAGEABILITY

System Management

System Management

Non-DASH

SERVICE

Warranty

Base Warranty**

- 1-year mail-in service
- 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
- No base warranty

ACCESSORIES

Bundled Accessories

Bundled Accessories[1]

None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for ThinkPad® E16 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 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

25% PCC recycled plastic used in the battery
30% PCC recycled plastic used in speaker enclosure
90% PCC recycled plastic used in standard 65W adapter
Plastic free packaging
Dry-pressed bamboo & sugarcane fiber Cushions
FSC Certified paper in packaging

CERTIFICATIONS

Green Certifications[1]

Green Certifications[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered[3]
- ErP Lot 6
- ErP Lot 26
- RoHS compliant
- TCO Certified 9.0

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 dependent on system 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
- (Optional) TÜV Rheinland® Low Blue Light (Hardware Solution)
- (Optional) TÜV Rheinland® Low Blue Light (Software Solution)

- Feature with ** means that only one offering listed under the feature is configured on selected models.
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