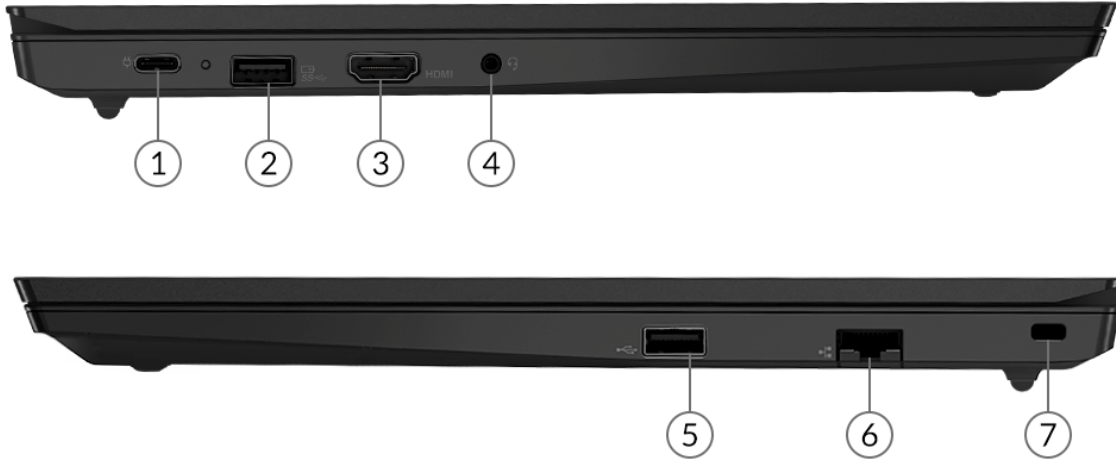


OVERVIEW



| | |
|--|-----------------------------|
| 1. USB-C 3.2 Gen 1 | 5. USB 2.0 |
| 2. USB 3.2 Gen 1 (Always On) | 6. Ethernet (RJ-45) |
| 3. HDMI 1.4b | 7. Kensington Security Slot |
| 4. 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 | Memory Support | Processor Graphics |
|-------------------|-------|---------|----------------|---------------|------------------|----------------|----------------------|
| AMD Ryzen 3 5425U | 4 | 8 | 2.7GHz | 4.1GHz | 2MB L2 / 8MB L3 | DDR4-3200 | AMD Radeon™ Graphics |
| AMD Ryzen 5 5625U | 6 | 12 | 2.3GHz | 4.3GHz | 3MB L2 / 16MB L3 | DDR4-3200 | AMD Radeon Graphics |
| AMD Ryzen 7 5825U | 8 | 16 | 2.0GHz | 4.5GHz | 4MB L2 / 16MB L3 | DDR4-3200 | AMD Radeon Graphics |

Operating System

Operating System**

- Windows® 11 Pro 64
- Windows 11 Home 64
- Windows 11 DG Windows 10 Pro 64
- No operating system

Graphics

Graphics

| Graphics | Type | Memory | TGP | Key Features |
|---------------------|------------|--------|---------------|--------------|
| AMD Radeon Graphics | Integrated | Shared | Share CPU TDP | DirectX® 12 |

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)

- HDMI supports up to 3840x2160@30Hz
- USB-C supports up to 4096x2160@60Hz

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory^[1]

Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200

Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Memory Type

DDR4-3200

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

Storage

Storage Support^[1]

Up to two drives, 2x M.2 SSD

- M.2 2242 SSD up to 512GB
- M.2 2280 SSD up to 1TB

ThinkPad E15 Gen 4 (AMD)

Storage Slot

Two M.2 slots

- One M.2 2242 PCIe® Gen 3x4 slot, supports M.2 2242 SSD
- One M.2 2280 PCIe Gen 3x4 slot, supports M.2 2280 SSD

Storage Type**[2]

| Disk Type | Interface | Offering | Security |
|--------------|-------------------------|---------------|----------|
| M.2 2242 SSD | PCIe NVMe®, PCIe 4.0 x4 | 256GB / 512GB | Opal2 |
| M.2 2280 SSD | PCIe NVMe, PCIe 4.0 x4 | 1TB | Opal2 |

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.
2. The SSD with PCI 4.0x4 is downgraded to closer to PCIe 3.0x4 due to the system slot limitation.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby® Audio™, audio by HARMAN

Microphone

Dual array microphone, near-field

Camera**

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

Battery

Battery**

- Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
- Integrated Li-Polymer 57Wh battery

Max Battery Life^[1]

- Model with 45Wh battery:
MobileMark® 2018: up to 9.6 hr
JEITA 2.0: up to 14.1 hr
- Model with 57Wh battery:
MobileMark 2018: up to 12.0 hr
JEITA 2.0: up to 16.5 hr

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (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 and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

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

ThinkPad E15 Gen 4 (AMD)

Notes:

1. AC adapter offerings depend on the country.

DESIGN

Display

Display**^{[1][2]}

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle |
|-------|-----------------|-------|------|------------|------------|--------------|----------------|-------------|---------------|
| 15.6" | FHD (1920x1080) | None | TN | 250 nits | Anti-glare | 16:9 | 500:1 | 45% NTSC | 90° |
| 15.6" | FHD (1920x1080) | None | IPS | 300 nits | Anti-glare | 16:9 | 800:1 | 45% NTSC | 170° |
| 15.6" | FHD (1920x1080) | None | IPS | 300 nits | Anti-glare | 16:9 | 1200:1 | 100% sRGB | 170° |

Touchscreen

Non-touch

Notes:

1. California Electronic Waste Recycling Fee
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product.
For more information, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>
2. Display with FHD 100% sRGB is NOT available in EMEA

Input Device

Keyboard

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad

Keyboard Backlight

- LED backlight
- Non-backlight

UltraNav™

TrackPoint® pointing device and Mylar® surface multi-touch touchpad, 69 x 100 mm (2.72 x 3.94 inches)

Mechanical^[1]

Dimensions (WxDxH)

365 x 240 x 18.9 mm (14.37 x 9.45 x 0.74 inches)

Weight

Starting at 1.78 kg (3.92 lbs)

Case Color**^[2]

- Black
- Mineral metallic

Case Material

Aluminium (top), PC + ABS (bottom)

Notes:

1. The system dimensions and weight vary depending on configurations.
2. Mineral metallic case is NOT available in EMEA.

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, Realtek RTL8111H-CG, 1x RJ-45, supports Wake-on-LAN

WLAN + Bluetooth®**^{[1][2]}

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card
- Wi-Fi 6E, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card
- AMD RZ616, Wi-Fi 6E, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.2, M.2 Card

ThinkPad E15 Gen 4 (AMD)

- Mediatek Wi-Fi 6 MT7921, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 Card
- Realtek Wi-Fi 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.2, M.2 card
- Realtek Wi-Fi 6E RTL8852CE, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.2, M.2 card

WWAN

No support

SIM Card

No SIM card inbox

NFC

No support

Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation
2. 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.
Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

Ports^[1]

Standard Ports

- 1x USB 2.0
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.2)
- 1x HDMI 1.4b
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

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;
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s

Docking

Docking

Various docking solutions supported via USB-C.

For more compatible docking solutions, please visit [Docking for ThinkPad® E15 Gen 4 \(AMD\)](#)

SECURITY & PRIVACY

Security

Security Chip**

- Discrete TPM 2.0, TCG certified
- Firmware TPM 2.0 integrated in SoC

Physical Locks

Kensington® Security Slot, 3 x 7 mm

Smart Card Reader

No smart card reader

Fingerprint Reader

- Touch style fingerprint reader on power button
- No fingerprint reader

BIOS Security

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

Other Security

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

SERVICE

Warranty

Base Warranty**^[1]

- 1-year mail-in service
- 1-year depot service
- 1-year depot with 2-year system board service (Korea only)
- 1-year limited onsite service
- No base warranty

Notes:

1. More information of warranty policy, please access <https://pcsupport.lenovo.com/warranty>

ENVIRONMENTAL

Operating Environment

Temperature^{[1][2]}

- 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)

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

ACCESSORIES

Bundled Accessories

Bundled Accessories^[1]

ThinkPad Integrated Earbuds

Notes:

1. ThinkPad Integrated Earbuds is NOT available in EMEA

CERTIFICATIONS

Green Certifications

Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- ErP Lot 3
- TCO Certified
- RoHS compliant

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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