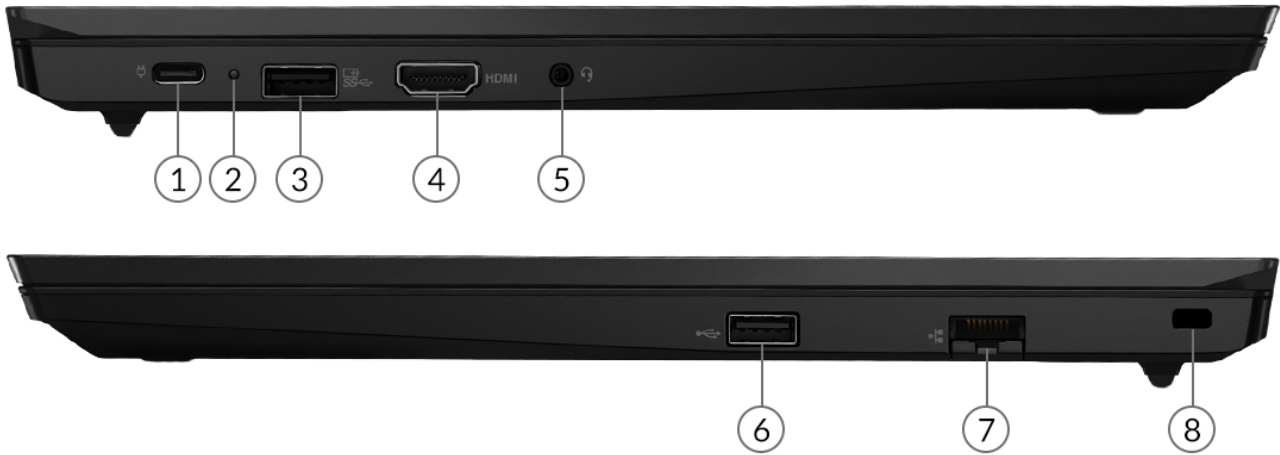


**OVERVIEW**



|                              |  |
|------------------------------|--|
| 1. USB-C 3.2 Gen 1           | 5. Headphone / microphone combo jack (3.5mm) |
| 2. Charging light            | 6. USB 2.0                                   |
| 3. USB 3.2 Gen 1 (Always On) | 7. Ethernet (RJ-45)                          |
| 4. HDMI 1.4b                 | 8. Kensington Security Slot                  |

## PERFORMANCE

### Processor

#### Processor Family

AMD Ryzen™ 3 / 5 / 7 Processor

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

| Processor Name        | Cores | Threads | Base Frequency | Max Frequency | Cache           | Memory Support | Processor Graphics   |
|-----------------------|-------|---------|----------------|---------------|-----------------|----------------|----------------------|
| AMD Ryzen 3 4300U     | 4     | 4       | 2.7GHz         | 3.7GHz        | 2MB L2 / 4MB L3 | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen 5 4500U     | 6     | 6       | 2.3GHz         | 4.0GHz        | 3MB L2 / 8MB L3 | DDR4-3200      | AMD Radeon Graphics  |
| AMD Ryzen 5 4600U     | 6     | 12      | 2.1GHz         | 4.0GHz        | 3MB L2 / 8MB L3 | DDR4-3200      | AMD Radeon Graphics  |
| AMD Ryzen 5 PRO 4650U | 6     | 12      | 2.1GHz         | 4.0GHz        | 3MB L2 / 8MB L3 | DDR4-3200      | AMD Radeon Graphics  |
| AMD Ryzen 7 4700U     | 8     | 8       | 2.0GHz         | 4.1GHz        | 4MB L2 / 8MB L3 | DDR4-3200      | AMD Radeon Graphics  |
| AMD Ryzen 7 4800U     | 8     | 16      | 1.8GHz         | 4.2GHz        | 4MB L2 / 8MB L3 | DDR4-3200      | AMD Radeon Graphics  |

#### Notes:

1. Ryzen 5 4600U, Ryzen 5 PRO 4650U and Ryzen 7 4800U are NOT available in EMEA

### Operating System

#### Operating System

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

### Graphics

#### Graphics

| Graphics            | Type       | Memory | Key Features |
|---------------------|------------|--------|--------------|
| AMD Radeon Graphics | Integrated | Shared | DirectX® 12  |

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via HDMI® (up to 3840x2160@30Hz) or USB-C (up to 3840x2160@60Hz)

### Chipset

#### Chipset

AMD SoC (System on Chip) platform

### Memory

#### Max Memory<sup>[1]</sup>

- Up to 20GB (4GB soldered + 16GB SO-DIMM) DDR4-3200
- Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200

#### Memory Slots

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

#### Memory Type

DDR4-3200

#### Notes:

# ThinkPad E15 Gen 2 (AMD)

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

Up to two drives, 2x M.2 SSD

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

### Storage Type

| Disk Type    | Interface              | RPM | Security |
|--------------|------------------------|-----|----------|
| M.2 2242 SSD | PCIe NVMe, PCIe 3.0 x4 | -   | -        |
| M.2 2280 SSD | PCIe NVMe, PCIe 3.0 x4 | -   | -        |

## 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™, HARMAN-branded

### Microphone

Dual array microphone

### Camera

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

## Battery

### Battery

Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

### Max Battery Life<sup>[1]</sup>

MobileMark® 2014: 12.7 hr

MobileMark 2018: 10.4 hr

#### Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, and/or JEITA 2.0 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<sup>[1]</sup>

- 65W USB-C (2-pin) AC adapter
- 65W USB-C (3-pin) AC adapter
- No power adapter

#### Notes:

1. No power adapter is for special bid only

## DESIGN

### Display

**Display<sup>[1]</sup>**

| Size  | Resolution      | Touch | Type | Brightness | Surface    | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|-------|-----------------|-------|------|------------|------------|--------------|----------------|-------------|---------------|--------------|
| 15.6" | FHD (1920x1080) | None  | TN   | 220 nits   | Anti-glare | 16:9         | 400:1          | -           | 90°           | -            |
| 15.6" | FHD (1920x1080) | None  | IPS  | 250 nits   | Anti-glare | 16:9         | 700:1          | -           | 170°          | -            |

**Touchscreen**

Non-touch

**Notes:**

- 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>

**Input Device****Keyboard**

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

**Keyboard Backlight**

- LED backlight
- No support

**UltraNav™**

TrackPoint® pointing device and Mylar® surface multi-touch touchpad

**Mechanical****Dimensions (WxDxH)**

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

**Weight<sup>[1]</sup>**

1.7 kg (3.75 lbs)

**Case Color**

Black

**Case Material**

Aluminium (top), PC + ABS (bottom)

**Notes:**

- The system weight varies depending on configurations

**CONNECTIVITY****Network****Onboard Ethernet**

Gigabit Ethernet, Realtek RTL8111GUS

**WLAN + Bluetooth<sup>[1]</sup>**

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card
- Mediatek Wi-Fi 6 MT7921, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 Card
- Realtek RTL8852AE, Wi-Fi 6, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.2, M.2 card
- Realtek RTL8822CE, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Intel® Wi-Fi 6 AX200, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card

**WWAN**

No support

**SIM Card**

No SIM card inbox

**NFC**

## ThinkPad E15 Gen 2 (AMD)

No support

### Notes:

1. Realtek RTL8822CE is NOT available in EMEA  
WiFi 6 full features might be limited by country level restrictions  
Bluetooth 5.2 is supported with driver version 22.30 and later

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

### Standard Ports<sup>[2]</sup>

- 1x USB 2.0
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 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: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s
2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

## SECURITY & PRIVACY

### Security

#### Security Chip

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

#### Physical Locks

Kensington® Security Slot

#### Smart Card Reader

No smart card reader

#### Fingerprint Reader

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

#### BIOS Security

- Supervisor password
- Power-on password
- Hard disk password
- Self-healing BIOS

#### Other Security

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

## SERVICE

### Warranty

#### Base Warranty

- 1-year mail-in service
- 1-year depot service
- 1-year depot with 2-year system board service
- 1-year limited onsite service

- No base warranty

## ENVIRONMENTAL

### 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)

#### 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)

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

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

### Other Certifications

#### Mil-Spec Test

MIL-STD-810H military test passed



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