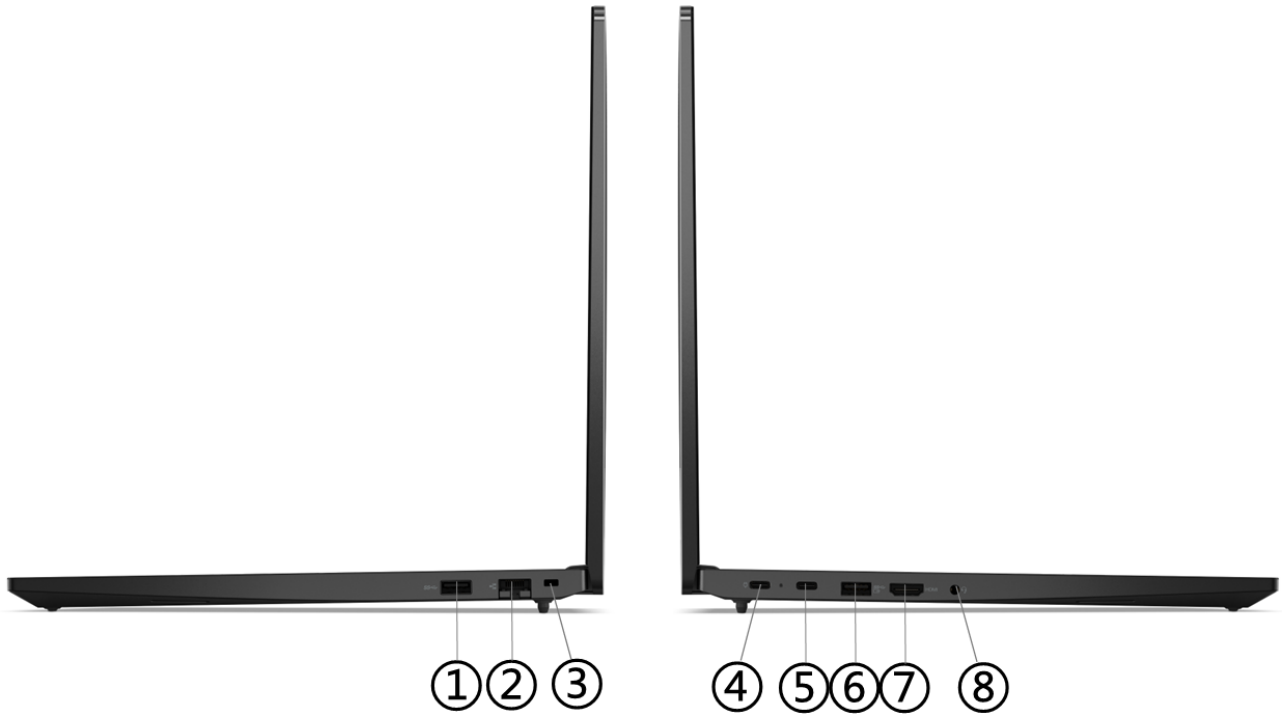


**OVERVIEW**



1. USB 3.2 Gen 1	5. USB-C 3.2 Gen 2
2. Ethernet (RJ-45)	6. USB 3.2 Gen 1 (Always On)
3. Kensington Nano Security Slot	7. HDMI
4. USB-C 3.2 Gen 1	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 7330U	4	8	2.3GHz	4.3GHz	2MB L2 / 8MB L3	AMD Radeon™ Graphics
AMD Ryzen 5 7530U	6	12	2.0GHz	4.5GHz	3MB L2 / 16MB L3	AMD Radeon Graphics
AMD Ryzen 7 7730U	8	16	2.0GHz	4.5GHz	4MB L2 / 16MB L3	AMD Radeon Graphics

### Operating System

#### Operating System\*\*<sup>[1][2]</sup>

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

#### Notes:

1. 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.
2. Windows 11 DG Windows 10 Pro 64 is for special bid only

### 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 4 independent displays (native display and 3 external monitors via HDMI® and USB-C®)

- HDMI supports up to 4096x2160@30Hz
- USB-C supports up to 5120x2160@60Hz

### Chipset

#### Chipset

AMD SoC (System on Chip) platform

### Memory

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

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. Maximum memory is only to test technical readiness of notebook. Lenovo® offers memory on this product only up to 24GB.

### Storage

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

Up to two drives, 2x M.2 SSD

# ThinkPad E16 Gen 1 (AMD)

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

## Storage Slot

Two M.2 slots

- One M.2 2242 PCIe® 3.0 x4 slot
- One M.2 2280 PCIe 3.0 x4 slot

## Storage Type<sup>\*\*\*[2]</sup>

Disk Type	Interface	RPM	Offering	Security
M.2 2242 SSD	PCIe NVMe®, PCIe 4.0 x4	-	256GB / 512GB	Opal 2.0
M.2 2280 SSD	PCIe NVMe, PCIe 4.0 x4	-	1TB	Opal 2.0

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 PCIe 4.0x4 is downgraded to closer to PCIe 3.0 x4 due to AMD platform limitations.

## Removable Storage

### Card Reader

No card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio, Synaptic® CX11880 codec

### Speakers

Stereo speakers, 2W x2, Dolby® Atmos®

### Microphone

Dual-microphone array, Dolby Voice

### Camera<sup>\*\*</sup>

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

## Battery

### Battery<sup>\*\*</sup>

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

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

Configuration 1 (max battery life)

MobileMark® 2018: up to 14.45 hr @200nits

JEITA 2.0: up to 20.68 hr @150nits

Local video playback: up to 19.13 hr @150nits

Alternate configuration 2

MobileMark 2018: up to 12.03 hr @200nits

JEITA 2.0: up to 16.71 hr @150nits

Local video playback: up to 15.25 hr @150nits

Alternate configuration 3

MobileMark 2018: up to 12.38 hr @200nits

JEITA 2.0: up to 14.37 hr @150nits

Local video playback: up to 15.2 hr @150nits

Notes:

1. Configuration 1 (max battery life): WUXGA (non-touch), AMD Ryzen 7 7730U, 8GB DDR4, Win 11, 57Wh battery, best power efficiency power mode Alternate configuration 2: WUXGA (touch), AMD Ryzen 5 7530U, 16GB DDR4, Win 11, 57Wh battery, best power efficiency power mode Alternate configuration 3: WUXGA (non-touch), AMD Ryzen 7 7730U, 8GB DDR4, Win 11, 47Wh battery, best power efficiency power mode All battery life claims are approximate maximum

and based on results using [MobileMark 2018](#), JEITA 2.0, 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\*\*<sup>[1]</sup>

- 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:

- AC adapter offerings depend on the country.

## DESIGN

### Display

#### Display\*\*<sup>[1][2]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)	Key Features
16"	WUXGA (1920x1200)	None	IPS	300 nits	Anti-glare	16:10	800:1	45% NTSC	85°/85°/85°/85°	-
16"	WUXGA (1920x1200)	None	IPS	300 nits	Anti-glare	16:10	1200:1	100% sRGB	85°/85°/85°/85°	Eyesafe® Certified 2.0
16"	WUXGA (1920x1200)	Multi-Touch	IPS	300 nits	Anti-glare	16:10	800:1	45% NTSC	85°/85°/85°/85°	-
16"	WQXGA (2560x1600)	None	IPS	400 nits	Anti-glare	16:10	1200:1	100% sRGB	85°/85°/85°/85°	Eyesafe Certified 2.0

#### Touchscreen

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

Notes:

- California Electronic Waste Recycling Fee In California USA, 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, please go to <https://www.calrecycle.ca.gov/Electronics/Consumer>
- IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### 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, 68 x 115 mm (2.68 x 4.53 inches)

### Mechanical

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

Starting at 356.1 x 247.7 x 19.85 mm (14.02 x 9.75 x 0.78 inches)

#### Weight<sup>[2]</sup>

Models	Weight
--------	--------

## ThinkPad E16 Gen 1 (AMD)

Aluminium (top), aluminium (bottom) models	Starting at 1.97 kg (4.34 lbs)
Aluminium (top), PC-ABS (bottom) models	Starting at 1.77 kg (3.90 lbs)

**Case Color**

Graphite black

**Case Material\*\***

- Aluminium (top), aluminium (bottom)
- Aluminium (top), PC-ABS (bottom)

## Notes:

- The system dimensions may vary depending on configurations.
- 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®\*\*<sup>[1][2]</sup>**

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card
- Mediatek Wi-Fi 6 MT7921, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card
- Realtek Wi-Fi 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.1, M.2 card
- Wi-Fi 6E, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card
- AMD Wi-Fi 6E RZ616, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card
- Realtek Wi-Fi 6E RTL8852CE, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.1, M.2 card

**WWAN**

No support

**SIM Card**

No SIM card inbox

**NFC**

No support

## Notes:

- Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.
- 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<sup>[1]</sup>****Standard Ports**

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)
- 1x HDMI 1.4b
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

## Notes:

- 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; USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s; USB4 40Gbps (USB 40Gbps): 40 Gbit/s; Thunderbolt™ 3/4: 40 Gbit/s

## Security

### Security Chip\*\*

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

### 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
- 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

## MANAGEABILITY

### System Management

#### System Management

Non-DASH

## SERVICE

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

#### Base Warranty\*\*

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

Notes:

1. The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://pcsupport.lenovo.com/warranty>.

## 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  
Low-temperature solder

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

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

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

### Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.
2. EPEAT is registered where applicable, please see <https://www.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.
- Feature with \*\*\* means that one or more offerings listed under the feature could be configured on selected models.
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