

# ThinkPad E15 Gen 2 (Intel)

## PERFORMANCE

### Processor

#### Processor Family

11th Generation Intel® Core™ i3 / i5 / i7 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-1115G4	2	4	3.0GHz	4.1GHz	6MB	DDR4-3200	Intel UHD Graphics
Core i5-1135G7	4	8	2.4GHz	4.2GHz	8MB	DDR4-3200	Intel Iris® Xe Graphics
Core i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	DDR4-3200	Intel Iris Xe Graphics

### Operating System

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

### Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12
Intel Iris Xe Graphics	Integrated	Shared	DirectX 12
NVIDIA® GeForce® MX350	Discrete	2GB GDDR5	DirectX 12
NVIDIA GeForce MX450	Discrete	2GB GDDR5	DirectX 12

### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via HDMI® (up to 4096x2160@30Hz) or Thunderbolt™ (up to 5120x3200@60Hz)

### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Memory Type

DDR4-3200

#### Memory Slots

One DDR4 SO-DIMM slot

#### Max Memory

Up to 32GB DDR4-3200

Notes:

- 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, 1x M.2 2242 SSD + 1x M.2 2280 SSD

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

#### 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	-	Opal2

## Notes:

- M.2 2280 slot supports PCIe 4.0 x 4

**Removable Storage****Optical**

Not Support

**Card Reader**

Not Support

**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, with privacy shutter, fixed focus

**Battery****Battery**

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

**Max Battery Life**

MobileMark® 2014: 10.8 hr

MobileMark 2018: 8.2 hr

## Notes:

- All battery life claims are approximate maximum and based on results using the MobileMark 2014 and/or MobileMark 2018 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**

65W USB-C AC adapter

**DESIGN****Display****Display**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
15.6"	FHD (1920x1080)	Multi-touch	IPS	300 nits	Anti-glare	16:9	800:1	45% NTSC	170°	-
15.6"	FHD (1920x1080)	None	TN	220 nits	Anti-glare	16:9	500:1	45% NTSC	90°	-
15.6"	FHD (1920x1080)	None	IPS	250 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°	-

## 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>

- Displays with 300nits brightness (multi-touch and non-touch) are NOT available in EMEA

## Touchscreen

- Capacitive-type on-cell multi-touch, supports 10-point touch
- Non-touch

## Input Device

### Keyboard

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

### Keyboard Backlight

- LED backlight
- Not 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

1.7 kg (3.75 lbs)

### Case Color

- Black
- Mineral metallic

### Case Material

Aluminium (top), PC + ABS (bottom)

## CONNECTIVITY

### Network

#### Onboard Ethernet

Gigabit Ethernet, Realtek RTL8111H-CG

#### WLAN + Bluetooth™

- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.1, M.2 card
- Intel Wi-Fi 6 AX201, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card

#### Notes:

- Intel WiFi 6 full features might be limited by country level restrictions  
BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)

#### WWAN

Not Support

#### SIM Card

Not Support

#### NFC

Not support

## Ports

### Standard Ports

- 1x USB 2.0
- 1x USB 3.2 Gen 1 (Always On)
- 1x Thunderbolt 4 / USB4™ 40Gbps (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:

- 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

Not Support

#### Fingerprint Reader

- Touch style fingerprint reader on power button
- Not configured

#### BIOS Security

- Power-on password
- Supervisor 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 limited onsite service
- 1-year depot with 2-year system board service
- No base warranty

## ACCESSORIES

### Bundled Accessories

- ThinkPad® Integrated Earbuds
- Not configured

## CERTIFICATIONS

### Green Certifications

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

### Other Certifications

#### Mil-Spec Test

MIL-STD-810H military test passed

#### Other Certifications

TÜV Low Blue Light certified

