ThinkPad E15 Gen 2 (AMD) Platform Specifications

Processor

AMD Ryzen™ Mobile Processors with Radeon™ Graphics

Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Types	Processor Graphics
Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon Graphics
Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB L2 / 8MB L3		
Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB L2 / 8MB L3		
Ryzen 7 4800U	8	16	1.8 GHz	4.2 GHz			

Graphics

AMD Radeon Graphics in processor;
supports up to 3 independent displays via native display and two external monitors;
supports external monitors via HDMI (up to 3840x2160@30Hz) or
USB Type-C (up to 3840x2160@60Hz)

Chipset

AMD SoC (System on Chip) platform

Memory

20GB or 24GB max / 3200MHz DDR4, dual-channel capable
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket

Display

Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle
15.6"	FHD (1920x1080)	TN	Anti-glare	220 nits	16:9	400:1	90°
15.6"	FHD (1920x1080)	IPS	Anti-glare	250 nits	16:9	700:1	170°

Multi-touch

None

Storage

Up to two drives
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical

None

Ethernet

Gigabit Ethernet Connection, Realtek R8111GUS

WLAN + Bluetooth™

One of the following, configurable by model:
- Realtek® RTL8822CE, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card
- Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0, M.2 card

WWAN

None

SIM card

None

Dimensions

WxDxH: 14.37" x 9.45" x 0.74"; 365mm x 240mm x 18.9mm

Weight

Starting at 3.75 lb / 1.7 kg

Case color

Black

Case material

Display cover: Aluminum;
Bottom: PC/ABS plastic

Smart card reader

None

Media reader

None

Ports

One USB 2.0, one USB 3.2 Gen 1 (Always On),
one USB 3.2 Type-C Gen 1 (with the function of Power Delivery and DisplayPort),
HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack,
security keyhole
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Monitor cable

None

Bundled Accy

None

Camera

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus

Audio support

HD Audio, Realtek ALC3287 codec /
stereo HARMAN-branded speakers, 2W x 2, Dolby Audio® /
dual array microphone, headphone / microphone combo jack

Keyboard

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

UltraNav™

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

Security

Power-on password, hard disk password, supervisor password, security keyhole

Security chip

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

System Mgt

None

Fingerprint reader

Optional: Touch style fingerprint reader on power button

NFC

None

Battery

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

Max battery life

MobileMark® 2014: 12.7 hrs
** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter

65W USB-C AC adapter

Operating system *(optional)*

- Windows® 10 Home 64
- Windows 10 Pro 64

Limited warranty *(optional)*

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

Mil-Spec test

MIL-STD-810G military testing

Environment

EPEAT™ Gold (US, Canada, and Germany only); ENERGY STAR® 8.0; ErP lot3;
TCO Certified; RoHS-compliant

Note: The specifications above may not be available in all regions.