

ThinkPad E15 Gen 2 (AMD) 20T80005CA

Product

ThinkPad E15 Gen 2 (AMD)

Region

NA

Country/Region

Canada

Machine Type

20T8

TopSeller

TopSeller

Processor

AMD Ryzen 5 4500U (6C / 6T, 2.3 / 4.0GHz, 3MB L2 / 8MB L3)

Graphics

Integrated AMD Radeon Graphics

Chipset

AMD SoC Platform

Memory

8GB Soldered DDR4-3200

Storage

256GB SSD M.2 2242 PCIe NVMe 3.0x4

Display

15.6" FHD (1920x1080) WVA 250nits Anti-glare

Touchscreen

None

Ethernet

100/1000M

Optical

None

WLAN + Bluetooth

Intel AX200 11ax, 2x2 + BT5.0

WWAN

None

SIM Card

None

Smart Card Reader

None

Monitor Cable

None

Bundled Accessories

None

Case Material

Aluminum (Top), PC / ABS (Bottom)

Camera

720p with ThinkShutter

Microphone

2x, Array

Color

Black

Keyboard

Non-backlit, French

Fingerprint Reader

None

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 45Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, French

Bundled Software

None

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

195235799260

End of Support

2027-01-09

Announce Date

2020-07-13

Recommended Services

Best

3Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection) (5PS0N73156)

Better

3Y Lenovo Support (Premier Support + Keep Your Drive) (5PS0N73153)

Good

3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36151)

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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>

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ThinkPad E15 Gen 2 (AMD) Platform Specifications

Product Specifications Reference (PSREF)



| | | | | | | | | | | |
|-------------------|---|-----------------|--------------|------------|-----------------|-----------------|----------------|---------------------|--------------------|--|
| Processor | AMD Ryzen™ Mobile Processors with Radeon™ Graphics (Ryzen 7 4800U is NOT available in EMEA) | | | | | | | | Smart card reader | None |
| | Processor Number | # of Cores | # of Threads | Base Clock | Max Boost Clock | Cache | Memory Types | Processor Graphics | Media reader | None |
| | Ryzen 3 4300U | 4 | 4 | 2.7 GHz | 3.7 GHz | 2MB L2 / 4MB L3 | DDR4-3200 | AMD Radeon Graphics | 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 1.2), HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> |
| | Ryzen 5 4500U | 6 | 6 | 2.3 GHz | 4.0 GHz | 3MB L2 / 8MB L3 | | | Monitor cable | None |
| | Ryzen 7 4700U | 8 | 8 | 2.0 GHz | 4.1 GHz | 4MB L2 / 8MB L3 | | | Bundled Accy | None |
| | Ryzen 7 4800U | 8 | 16 | 1.8 GHz | 4.2 GHz | 4MB L2 / 8MB L3 | | | Camera | <i>One of the following, configurable by model:</i> • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus |
| 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) | | | | | | | | Audio support | HD Audio, Realtek ALC3287 codec / stereo HARMAN-branded speakers, 2W x 2, Dolby Audio® / dual array microphone, headphone / microphone combo jack |
| Chipset | AMD SoC (System on Chip) platform | | | | | | | | Keyboard | 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad, optional LED backlight |
| Memory | 20GB or 24GB max / 3200MHz DDR4, dual-channel capable 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket | | | | | | | | UltraNav™ | TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad |
| Display | Size | Resolution | Type | Surface | Brightness | Aspect Ratio | Contrast Ratio | Viewing Angle | Security | Power-on password, hard disk password, supervisor password, security keyhole |
| | 15.6" | FHD (1920x1080) | TN | Anti-glare | 220 nits | 16:9 | 400:1 | 90° | Security chip | • Discrete TPM 2.0, TCG Certified • Firmware TPM 2.0 integrated in chipset |
| | 15.6" | FHD (1920x1080) | WVA | Anti-glare | 250 nits | 16:9 | 700:1 | 170° | System Mgt | None |
| Multi-touch | None | | | | | | | | Fingerprint reader | <i>Optional:</i> Touch style fingerprint reader on power button |
| Storage | <i>Up to two drives</i> • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 | | | | | | | | NFC | None |
| Optical | None | | | | | | | | Battery | Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter |
| Ethernet | Gigabit Ethernet Connection, Realtek R8111GUS | | | | | | | | Max battery life | <i>MobileMark® 2014:</i> 12.7 hrs <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i> |
| WLAN + Bluetooth™ | <i>One of the following, configurable by model:</i> • 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 <i>(Realtek RTL8822CE is NOT available in EMEA)</i> | | | | | | | | AC adapter | 65W USB-C AC adapter |
| WWAN | None | | | | | | | | Operating system | • Windows® 10 Home 64 <i>(optional)</i> • Windows 10 Pro 64 |
| SIM card | None | | | | | | | | Limited warranty | <i>(optional)</i> • 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 |
| Dimensions | <i>WxDxH:</i> 14.37" x 9.45" x 0.74"; 365mm x 240mm x 18.9mm | | | | | | | | Mil-Spec test | MIL-STD-810G military testing |
| Weight | Starting at 3.75 lb / 1.7 kg | | | | | | | | Environment | EPEAT™ Gold; ENERGY STAR® 8.0; ErP lot3; TCO Certified; RoHS-compliant |
| Case color | Black | | | | | | | | | |
| Case material | <i>Display cover:</i> Aluminum; <i>Bottom:</i> PC/ABS plastic | | | | | | | | | |

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

Lenovo
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