

ThinkPad E15 Gen 2 (AMD) 20T8000MGE

Product

ThinkPad E15 Gen 2 (AMD)

Region

WE

Country/Region

Germany

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) IPS 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 + IR with ThinkShutter

Microphone

2x, Array

Color

Black

Keyboard

Backlit, German

Fingerprint Reader

Touch Style

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 45Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, German

Bundled Software

None

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

0195042247329

End of Support

2027-01-09

Announce Date

2020-06-09

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.

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ThinkPad E15 Gen 2 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics								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 3.1 Gen 1 (Always On), one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), 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				
	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)								Monitor cable	None
Chipset	AMD SoC (System on Chip) platform 20GB or 24GB max / 3200MHz DDR4, dual-channel capable 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Bundled Accy	None
Memory									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 HD Audio, Realtek ALC3287 codec / stereo HARMAN-branded speakers, 2W x 2, Dolby Audio® / dual array microphone, headphone / microphone combo jack
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Audio support	
	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°	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
Multi-touch	None								Security	Power-on password, hard disk password, supervisor password, security keyhole
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								Security chip	• Discrete TPM 2.0, TCG Certified • Firmware TPM 2.0 integrated in chipset
Optical									System Mgt	None
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button
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								NFC	None
WWAN	None								Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
SIM card	None								Max battery life	<i>MobileMark® 2014: 12.7 hrs</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Dimensions	WxDxH: 14.37" x 9.45" x 0.74"; 365mm x 240mm x 18.9mm								AC adapter	65W USB-C AC adapter
Weight									Operating system	• Windows® 10 Home 64 • Windows 10 Pro 64
Case color	Black								Limited warranty	• 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
Case material	Display cover: Aluminum; Bottom: PC/ABS plastic								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.

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