ThinkPad E15 Gen 2 (AMD) 20T8000VGE

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 + 8GB SO-DIMM DDR4-3200

Storage
512GB 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
0195042246193

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)

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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.

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June 2020

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