ThinkPad E590 20NB005MUS

Product

ThinkPad E590

Region

NA

Country/Region

USA

Machine Type

20NB

TopSeller

TopSeller

Processor

Core i5-8265U (4C / 8T, 1.6 / 3.9GHz, 6MB)

Graphics

Integrated Intel UHD Graphics 620

Chipset

Intel SoC Platform

Memory

1x 4GB DIMM DDR4-2400

Display

15.6" HD (1366x768) TN 220nits Anti-glare

Multi-touch

None

Storage

500GB HDD 7200rpm 2.5"

Optane Memory

None

Optical

None

WLAN + Bluetooth

Intel 9260 11ac. 2x2 + BT5.0

WWAN

None

SIM Card

None

Smart Card Reader

None

Monitor Cable

None

Bundled Accessories

None

Color

Black

Case Material

Aluminum

Camera

720p

Kevboard

Non-backlit

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

Bundled Software

None

Base Warranty

1-vear. Depot

Upsell Service Bundles

None

End of Support

2025-03-19

Announce Date

2019-02-19

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 E590 Platform Specifications

Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor							Dimensions	<i>WxDxH:</i> 14.53" x 9.94" x 0.78"; 369mm x 252.5mm x 19.9mm
	Number Cores Three	of Ba reads Frequ	ency Frequ	ency Cache	Memory Types		rocessor Graphics	Weight Starting at 4.68 lb / 2.12 kg Case color Black or silver Case material Display cover: Aluminum; Bottom: PC/ABS plastic Smart card readerNone	Black or silver
	i3-8145U 2 4 i5-8265U 4	4 2.1 (8 1.6 (Hz 6MB	_ _DDR4-240	Intel U	Intel UHD Graphics 620		
	i7-8565U 4 6	1.8 (GHz 4.6 C	Hz 8MB			020	Media reader	MicroSD card reader
Graphics	Max resolution: 4090x2304@00112 (O3B Type-O), 4090x2100@24112 (FIDINI)						(HDMI)	Ports Monitor cable Bundled Accy	
Chipset Memory	Intel SoC (System on Chip) platform 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * Installed memory is actually 2666MHz but run at 2400MHz due to Intel limitation							Camera Audio support	HD720p camera, fixed focus HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2, Dolby® Advanced Audio /
Display	Size / Resolution	Surface	Type Brigh	Aspec Ratio	t Contrast N	/iewing Angle	Multi-touch		dual array microphone, headphone / microphone combo jack
	15.6" HD (1366x768)	Anti-glare			400:1		Non-touch	Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
Multi-touch	15.6" FHD (1920x1080) Anti-glare IPS 250 nits 16:9 600:1 170° Non-touch						Non-touch	Security Power-on password, hard disk password, supervisor password, security keyhole Security chip Integrated model: discrete TPM 2.0, TCG Certified	
Storage							ı	Discrete model: firmware TPM 2.0 integrated in chipset System Mgt None Fingerprint reader Optional: Touch style fingerprint reader on the palm rest NFC None	
Optane™ memo Optical	 M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 ane™ memory Optional: Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2 ical None 							Battery Max battery life	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter tery life MobileMark® 2014: 11 hr
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS							* Battery life varies significantly with settings, usage, & other factors	
WLAN +	One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.2, M.2 card • Intel Wireless-AC 9260, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card							AC adapter	45W or 65W USB Type-C AC adapter // Windows® 10 Home 64 or Windows 10 Pro 64
Bluetooth™								Limited warranty	,
WWAN	None None							Mil-Spec test	MIL-STD-810G military testing
SIM card								Environment	EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant
Note: The enecifi	cations above may not be	ماطمانوریو	ام مال سمان ما					Liviloninon	Lenovo

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





















