

# ThinkPad E490 20N8000QPB

**Product**

ThinkPad E490

**Region**

EET

**Country/Region**

Poland

**Machine Type**

20N8

**TopSeller**

TopSeller

**Processor**

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

**Graphics**

AMD Radeon RX 550X 2GB GDDR5

**Chipset**

Intel SoC Platform

**Memory**

1x 8GB SO-DIMM DDR4-2400

**Storage**

256GB SSD M.2 2242 PCIe NVMe + 1TB HDD 5400rpm 2.5"

**Optane Memory**

None

**Display**

14" FHD (1920x1080) IPS 250nits Anti-glare

**Touchscreen**

None

**Card Reader**

MicroSD Reader

**Ethernet**

100/1000M

**Optical**

None

**WLAN + Bluetooth**

Intel 9260 11ac, 2x2 + BT5.1

**WWAN**

None

**SIM Card**

None

**Smart Card Reader**

None

**Monitor Cable**

None

**Bundled Accessories**

None

**Camera**

720p

**Microphone**

2x, Array

**Case Color**

Black

**Case Material**

Aluminium (Top), PC / ABS (Bottom)

**Keyboard**

Non-backlit, English (EU)

**Fingerprint Reader**

Touch Style

**NFC**

None

**Security Chip**

Firmware TPM 2.0

**Battery**

Integrated 45Wh

**Power Adapter**

65W USB-C

**System Management**

None

**Operating System**

Windows 10 Pro 64, Polish / English

**Bundled Software**

None

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

0193268341180

**End of Support**

2025-07-25

**Announce Date**

2018-12-25

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**Recommended Services****Best**

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

**Better**

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

**Good**

3Y Premier Support Upgrade from 1Y Courier/Carry-in (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.

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# ThinkPad E490 Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	Aluminum (WxDxH): 12.96" x 9.53" x 0.78"; 329mm x 242mm x 19.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		PC/ABS (WxDxH): 12.96" x 9.53" x 0.83"; 329mm x 242mm x 21.9mm	
	i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics		Starting at 3.87 lb / 1.75 kg	
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB				Black or silver	
	i5-8365U			1.6 GHz	4.1 GHz	6MB				Case color	
i7-8565U	1.8 GHz			4.6 GHz	8MB	Case material					
* i5-8365U is for speical bid only											
Graphics	Intel UHD Graphics in processor only or Intel UHD Graphics in processor and AMD Radeon RX 550X Graphics, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports dual independent display; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)								Smart card reader	None	
Chipset	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								Media reader	MicroSD card reader	
									Ports	One USB 2.0, two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, microSD card reader, security keyhole * Depending on many factors, actual data transfer speed may be lower than theoretical speed	
Display									Monitor cable	None	
									Bundled Accy	None	
									Camera	HD720p camera, fixed focus	
									Audio support	HD Audio, Synaptic® CX11880 codec / stereo speakers, 1.5W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack	
									Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight	
Multi-touch									UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
									Security	Power-on password, hard disk password, supervisor password, security keyhole	
									Security chip	Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified (may be disabled in some region)	
									System Mgt	None	
Storage									Fingerprint reader	Optional: Touch style fingerprint reader on the palm rest	
									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: 13 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors	
									AC adapter	45W or 65W USB-C AC adapter	
Optane™ memory	Optional: Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2								Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64	
Optical	None								Limited warranty	One of the following, configurable by model: • 1-year mail-in repair service • 1-year depot repair service • 1-year limited onsite service	
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								Mil-Spec test	MIL-STD-810G military testing	
WLAN + Bluetooth™	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 5.1, M.2 card * BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)									Environment	ENERGY STAR® 7.1; TCO Certified; RoHS-compliant
WWAN	None										
SIM card	None										

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