

ThinkPad E490 20N80010PB

Product

ThinkPad E490

Region

EET

Country/Region

Poland

Machine Type

20N8

TopSeller

TopSeller

Processor

Intel Core i7-8565U (4C / 8T, 1.8 / 4.6GHz, 8MB)

Graphics

Integrated Intel UHD Graphics

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

Backlit, English (EU)

Fingerprint Reader

Touch Style

NFC

None

Security Chip

Discrete 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

0193268347021

End of Support

2025-07-25

Announce Date

2018-12-25

Recommended Services**Best**

5Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36181)

Better

4Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36121)

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)

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 PC/ABS (WxDxH): 12.96" x 9.53" x 0.83"; 329mm x 242mm x 21.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 3.87 lb / 1.75 kg	
	i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics	Case color	Black or silver	
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB			Case material	Display cover: Aluminum or PC/ABS plastic; Bottom: PC/ABS plastic	
	i5-8365U			1.6 GHz	4.1 GHz	6MB					
i7-8565U	1.8 GHz			4.6 GHz	8MB						
* i5-8365U is for special bid only										Smart card reader	None
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)								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	
Chipset	Intel SoC (System on Chip) platform								Monitor cable	None	
Memory	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								Bundled Accy	None	
Display	Size / Resolution		Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Multi-touch	Camera	HD720p camera, fixed focus
	14.0" HD (1366x768)		TN	Anti-glare	220 nits	16:9	400:1	90°	Non-touch	Audio support	HD Audio, Synaptic® CX11880 codec / stereo speakers, 1.5W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack
	14.0" FHD (1920x1080)		TN	Anti-glare	220 nits	16:9	400:1	90°	Non-touch	Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
	14.0" FHD (1920x1080)		WVA	Anti-glare	250 nits	16:9	600:1	170°	Non-touch		
Multi-touch	None								Security	Power-on password, hard disk password, supervisor password, security keyhole	
Storage	Up to two drives (one M.2 SSD and one HDD) • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ • M.2 2280 SSD / SATA 6.0Gb/s • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 * Installed M.2 2280 SSD is PCIe 3x4 but run at PCIe 3x2 due to M.2 SSD adapter limitation								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	
									Fingerprint reader	Optional: Touch style fingerprint reader on the palm rest	
Optane™ memory	Optional: Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2								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	MobileMark® 2014: 13 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors	
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)								AC adapter	45W or 65W USB-C AC adapter	
WWAN SIM card									None 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	
									Mil-Spec test	MIL-STD-810G military testing	
									Environment	ENERGY STAR® 7.1; TCO Certified; RoHS-compliant	

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