

ThinkPad E490 20N8000UBM

Product

ThinkPad E490

Region

EET

Country/Region

Bulgaria

Machine Type

20N8

TopSeller

TopSeller

Processor

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

Graphics

AMD Radeon RX 550X 2GB GDDR5

Chipset

Intel SoC Platform

Memory

1x 8GB DIMM DDR4-2400

Display

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

Multi-touch

None

Storage

256GB SSD M.2 2242 PCIe NVMe

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

Keyboard

Backlit, Bulgarian

Fingerprint Reader

Fingerprint Reader

NFC

None

TPM

FW TPM 2.0

Battery

Integrated 45Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, English

Bundled Software

None

Base Warranty

1-year, Depot

Bundled Service

None

End of Support

2025-01-25

Announce Date

2018-12-25

Recommended Services**Best**

5Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36181)

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 620	Starting at 3.87 lb / 1.75 kg			
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB			Case color Black or silver			
i7-8565U	1.8 GHz			4.6 GHz	8MB	Case material <i>Display cover:</i> Aluminum or PC/ABS plastic; <i>Bottom:</i> PC/ABS plastic						
Graphics	Intel UHD Graphics 620 in processor only or Intel UHD Graphics 620 in processor and AMD Radeon RX 550X Graphics, 2GB DDR5 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 Memory	Intel SoC (System on Chip) platform 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets <i>* Installed memory is actually 2666MHz but run at 2400MHz due to Intel limitation</i>									Media reader	MicroSD card reader	
Display	Size / Resolution		Surface	Type	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Multi-touch	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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>	
	14.0" HD (1366x768)		Anti-glare	TN	220 nits	16:9	400:1	90°	Non-touch	Monitor cable Bundled Accy	None	
	14.0" FHD (1920x1080)		Anti-glare	IPS	250 nits	16:9	600:1	170°	Non-touch		None	
	Multi-touch	None									Camera	HD720p camera, fixed focus
Storage	<i>Up to two drives (one M.2 SSD and one HDD)</i> <ul style="list-style-type: none">• HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™• M.2 2280 SSD / SATA 6.0Gb/s• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 2• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2									Audio support	HD Audio, Synaptic® CX11880 codec / stereo speakers, 1.5W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack	
Optane™ memory	<i>Optional:</i> Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2									Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
Optical	None									Security	Power-on password, hard disk password, supervisor password, security keyhole	
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS									Security chip	<i>Integrated model:</i> discrete TPM 2.0, TCG Certified <i>Discrete model:</i> firmware TPM 2.0 integrated in chipset	
	WLAN + Bluetooth™ <ul style="list-style-type: none">• 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									System Mgt	None	
										Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on the palm rest	
										NFC	None	
WWAN	None									Battery	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter	
SIM card	None									Max battery life	<i>MobileMark® 2014:</i> 13 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>	
										AC adapter	45W or 65W USB Type-C AC adapter	
										Operating system	<i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64	
										Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• 1-year mail-in repair service• 1-year depot repair service	
										Mil-Spec test	MIL-STD-810G military testing	
										Environment	EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant	

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

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