ThinkPad E490 20N9S01K00

Product
ThinkPad E490

Region
LA

Country/Region
Argentina

Machine Type
20N9

TopSeller
No

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

Optane Memory
None

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

Touchscreen
None

Media Reader
MicroSD Reader

Ethernet
100/1000M

Optical
None

WLAN + Bluetooth
RTL8822BE 11ac, 2x2 + BT4.2

WWAN
None

SIM Card
None

Smart Card Reader
None

Monitor Cable
None

Bundled Accessories
None

Case Material
PC / ABS (Top), PC / ABS (Bottom)

Camera
720p

Microphone
2x, Array

Color
Black

Keyboard
Non-backlit, Spanish (LA)

Fingerprint Reader
Touch Style

NFC
None

TPM
Discrete TPM 2.0

Battery
Integrated 45Wh

Power Adapter
45W USB-C

System Management
None

Operating System
None

Bundled Software
None

Base Warranty
1-year, Depot

Bundled Service
None

EAN / UPC / JAN
193386815419

End of Support
2025-07-25

Announce Date
2018-12-25

Recommended Services

Better
4Y Accidental Damage Protection Add On (5PS0L30070)

Good
4Y Onsite upgrade from 1Y Depot/CCI delivery (5WS0A23821)

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.

WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication “as is” without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

https://psref.lenovo.com

Visit psref website for the latest version of Product specifications Reference.

© Lenovo, 2020. All rights reserved.



ThinkPad E490 Platform Specifications

Product Specifications Reference (PSREF)

Processor

8th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics
i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB		
i5-8365U			1.6 GHz	4.1 GHz	6MB		
i7-8565U			1.8 GHz	4.6 GHz	8MB		

** i5-8365U is for speicial 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)

Chipset

Intel SoC (System on Chip) platform

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*

Display

Size / Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Multi-touch
14.0" HD (1366x768)	TN	Anti-glare	220 nits	16:9	400:1	90°	Non-touch
14.0" FHD (1920x1080)	TN	Anti-glare	220 nits	16:9	400:1	90°	Non-touch
14.0" FHD (1920x1080)	WVA	Anti-glare	250 nits	16:9	600:1	170°	Non-touch

Multi-touch

None

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*

Optane™ memory

Optional: Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2

Optical

None

Ethernet

Gigabit Ethernet Connection, Realtek R8111GUS

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 5.0, M.2 card

WWAN

None

SIM card

None

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

Weight

Starting at 3.87 lb / 1.75 kg

Case color

Black or silver

Case material

Display cover: Aluminum or PC/ABS plastic;
Bottom: PC/ABS plastic

Smart card reader

None

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*

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

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

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

Operating system

Optional: Windows® 10 Home 64 or Windows 10 Pro 64

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

EPEAT™ Silver; ENERGY STAR® 7.1; TCO Certified; RoHS-compliant

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

ThinkPad E490











