

ThinkPad T490s 20NX000HFE

Product

ThinkPad T490s

Region

MEA

Country/Region

Africa-French-Portuguese

Machine Type

20NX

TopSeller

TopSeller

Processor

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

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

8GB Soldered DDR4-2400

Storage

512GB SSD M.2 2280 PCIe 3.0x4 NVMe

Display

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

Touchscreen

None

Card Reader

MicroSD Reader

Ethernet

100/1000M via Optional Adapter

Optical

None

WLAN + Bluetooth

Intel 9560 11ac, 2x2 + BT5.1

WWAN

None

SIM Card

None

Smart Card Reader

Smart Card Reader

Monitor Cable

None

Bundled Accessories

None

Camera

720p with ThinkShutter

Microphone

2x, Array

Case Color

Black

Case Material

CFRP Hybrid (Top), Magnesium (Bottom)

Keyboard

Backlit, French

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

Security Chip

Discrete TPM 2.0

Battery

Integrated 57Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, French

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

None

EAN / UPC / JAN

0193386012580

End of Support

2025-10-19

Announce Date

2019-03-19

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.

 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.



Lenovo™

ThinkPad T490s Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor									Dimensions WxDxH (black with FHD / Privacy Guard): 12.95" x 8.90" x 0.66"; 329.0mm x 226.15mm x 16.7mm WxDxH (black with FHD Low Power / WQHD): 12.94" x 8.89" x 0.63"; 328.8mm x 225.8mm x 16.1mm WxDxH (silver): 12.96" x 8.92" x 0.68"; 329.15mm x 226.45mm x 17.2mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB	DDR4-2400	Intel UHD Graphics		
	i5-8365U			1.6 GHz	4.1 GHz	6MB				
	i7-8565U			1.8 GHz	4.6 GHz	8MB				
	i7-8665U			1.9 GHz	4.8 GHz	8MB				
Graphics	Intel UHD Graphics in processor; supports external digital monitor via HDMI or Thunderbolt; supports three independent displays; Max resolution: 4096x2304@60Hz (Thunderbolt); 4096x2160@24Hz (HDMI)									Weight Case color Case material
Chipset	Intel SoC (System on Chip) platform 8GB, 16GB or 32GB / 2400MHz DDR4 / soldered to systemboard, no sockets <i>* Installed memory is actually 2666MHz but run at 2400MHz due to Intel limitation</i>									Black or Silver Display cover: CFRP Hybrid (black) or Aluminum (silver); Bottom: Magnesium
Memory										
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Smart card reader
	14.0"	FHD (1920x1080)	IPS	Anti-glare	250 nits (non-touch) 300 nits (multi-touch)	16:9	700:1	45%	170°	Optional: Smart card reader
	14.0"	FHD (1920x1080) Low Power	IPS	Anti-glare	400 nits	16:9	800:1	72%	170°	Media reader
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	400 nits	16:9	1000:1	72%	170°	MicroSD card reader
	14.0"	WQHD (2560x1440) HDR, Dolby Vision™	IPS	Glossy	500 nits	16:9	1500:1	100% Adobe	170°	Ports
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)									Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP), HDMI 1.4b, Ethernet extension connector, combo slot of nano-SIM card (WWAN models) and microSD card reader, headphone / microphone combo jack, optional smart card reader, side docking connector, security keyhole <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
Storage	• M.2 2280 SSD / SATA 6.0Gb/s • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 • Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4 None									Monitor cable (optional)
Optical										
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Adapter Gen 2									USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter Optional: ThinkPad Ethernet Extension Adapter Gen 2
WLAN + Bluetooth™ (optional)	• Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.1 • Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.1 <i>* Intel Wi-Fi 6 full features might be limited by country level restrictions</i> <i>* BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)</i>									Camera (optional)
WWAN (optional)										
SIM card (opt)	One of the following, configurable by model: • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE, Fibocom L830-EB, M.2 card (EMEA only) • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i> • Verizon LTE (US) SIM card • Gemalto eSIM									Audio support
										Keyboard
										UltraNav™
										Security
										Security chip
										System Mgt (opt)
										Fingerprint reader
										NFC (optional)
										Battery
										Max battery life
										AC adapter
										Operating system
										Limited warranty (optional)
										Mil-Spec test
										Environment

Note: The specifications above may not be available in all regions and might change by regions.

Lenovo
October 2020

Lenovo

ThinkPad T490s

