

ThinkPad L490 20Q500E1GE

Product
ThinkPad L490

Region
WE

Country
Germany

Machine Type
20Q5

TopSeller
TopSeller

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

Graphics
Integrated Intel UHD Graphics 620

Chipset
Intel SoC Platform

Memory
1x 8GB DIMM DDR4-2666

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

Multi-touch
None

Storage
512GB SSD M.2 2280 PCIe NVMe Opal2

Optane Memory
None

Optical
None

WLAN + Bluetooth
Intel 9260 11ac, 2x2 + BT5.0

WWAN
None

SIM Card
None

Smart Card Reader
Smart Card Reader

Monitor Cable
None

Bundled Accessories
None

Color
Black

Camera
720p

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
Discrete TPM 2.0

Battery
Integrated 45Wh

Power Adapter
65W USB-C

System Management
None

Operating System
Windows 10 Pro 64

Bundled Software
None

Warranty
1-year, Depot

Upsell Service Bundles
None

End of Support
2025-08-09

Announce Date
2019-07-09

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 L490 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor									Dimensions	WxDxH: 13.19" x 9.25" x 0.89"; 335mm x 235mm x 22.5mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 3.72 lb / 1.69 kg		
	Cel 4305U	2	2	2.2 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610	Case color	Black		
	i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Case material	PC/ABS plastic		
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB			Smart card reader	Optional: Smart card reader		
	i5-8365U	4	8	1.6 GHz	4.1 GHz	6MB			Media reader	MicroSD card reader		
	i7-8565U	4	8	1.8 GHz	4.6 GHz	8MB			Ports	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 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole		
i7-8665U	4	8	1.9 GHz	4.8 GHz	8MB			* Depending on many factors, actual data transfer speed may be lower than theoretical speed				
Graphics	Intel UHD Graphics 610 or 620 in processor only or Intel UHD Graphics 620 in processor and AMD Radeon 535, 2GB GDDR5 memory (discrete models are NOT available in EMEA); supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)									Monitor cable (optional)	HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter	
										Bundled Accy	None	
Chipset	Intel SoC (System on Chip) platform									Camera (optional)	One of the following, configurable by model:	
Memory	64GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets									Audio support	• HD720p camera with ThinkShutter camera privacy, fixed focus	
	* Installed memory is actually 2666MHz but run at 2133MHz or 2400MHz due to Intel limitation										• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus	
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	HD Audio	Realtek ALC3287 codec / stereo speakers, 2W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack	
	14.0"	HD (1366x768)	TN	Anti-glare	220 nits	16:9	400:1	45%	90°	Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight	
	14.0"	FHD (1920x1080)	IPS	Anti-glare	250 nits	16:9	700:1	45%	170°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)									Security	Power-on password, hard disk password, supervisor password, security keyhole	
Storage	• HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™									Security chip	Discrete TPM 2.0, TCG Certified	
	• SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high									System Mgt (opt)	Intel vPro Technology	
	• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4									Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest	
Optane™ memory	• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2									NFC (optional)	Near Field Communication	
	* Installed M.2 2280 SSD is PCIe 3x4 but run at PCIe 3x2 due to M.2 SSD adapter limitation									Battery	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter	
	Optional: Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2									Max battery life	MobileMark® 2014: 12 hr	
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)									AC adapter	45W or 65W USB Type-C AC adapter	
	vPro model: Intel Ethernet Connection I219-LM (Jacksonville)										Preload	Windows® 10 Home 64 or Windows 10 Pro 64
WLAN + Bluetooth™ (optional)	One of the following, configurable by model:									Limited warranty	One of the following, configurable by model:	
WWAN (optional)	• Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.2, M.2 card (NOT available in EMEA)									Mil-Spec test	• 1-year depot repair service	
	• Intel Wireless-AC 9260, Wi-Fi 2x2 802.11ac + Bluetooth 5.0										• 3-year/1-yr battery depot repair service	
	• Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0										Environment	EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant
SIM card	• 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											
	* For non-WWAN model, it means the model is NOT WWAN upgradable											
	None											

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

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