ThinkPad L490 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel [®] Celeron [®] Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor								r	Dimensions	<i>WxDxH:</i> 13.19" x 9.25" x 0.89"; 335mm x 235mm x 22.5mm
	Processor Number	# of	# of Threads	Base Frequency			Memory Types	Processor Graphics			Starting at 3.72 lb / 1.69 kg Black
	Cel 4305U	1	2	2.2 GHz	-	2MB	DDR4-2133	Intel UHD G	araphics	Case material	PC/ABS plastic r Optional: Smart card reader
	i3-8145U	2	4	2.1 GHz	3.9 GHz 3.9 GHz	4MB 6MB	-	610	Media reader Ports	MicroSD card reader 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).	
	i5-8265U	4	8	1.6 GHz							
	i5-8365U 4		8	1.6 GHz	4.1 GHz	-	DDR4-2400	Intel UHD Graphics 620		one USB 3.1 Type-C Gen 2 (with the function of Power Delivery and DisplayPort), one USB 3.1 Type-C Gen 2 (with the function of Power Delivery and DisplayPort).	
	i7-8565U	4	8	1.8 GHz	4.6 GHz	8MB	_	020		HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models),	
	i7-8665U	4	8	1.9 GHz	4.8 GHz	8MB		<u> </u>			headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole
Graphics	Intel UHD Graphics 610 or 620 in processor only or Intel UHD Graphics 620 in processor and AMD Radeon 535, 2GB GDDR5 memor (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)								-	* Depending on many factors, actual data transfer speed may be lower than theoretical speed Monitor cable (optional) USB-C to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter Bundled Accy None	
Chipset	Intel SoC (System on Chip) platform								1)	Camera (optional) One of the following, configurable by model:	
Memory	64GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * Installed memory is actually 2666MHz but run at 2133MHz or 2400MHz due to Intel limitation								ockets mitation	Audio support	 HD720p camera with ThinkShutter camera privacy, fixed focus IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus HD Audio, Realtek ALC3287 codec /
Display	Size Reso	olution	Ту	pe Surface	Brightness	Aspe Rati	ect Contrast o Ratio		'iewing Angle		stereo speakers, 2W x 2, Dolby® Advanced Audio / dual array microphone, headphone / microphone combo jack
	14.0" HD (14.0" FHD			N Anti-glar		16: 16:		45% 45%	90° 170°	Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
Multi-touch (opt)										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™ SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 									Security chip Discrete TPM 2.0, TCG Certified System Mgt (opt) Intel vPro Technology Fingerprint reader Optional: Touch style fingerprint reader on the palm rest NFC (optional) Near Field Communication	
Optane [™] memory Optical	* Installed M.2 2280 SSD is PCIe 3x4 but run at PCIe 3x2 due to M.2 SSD adapter limitation ory Optional: Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2 None									Battery Max battery life	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter MobileMark [®] 2014: 12 hr
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)									AC adapter	* Battery life varies significantly with settings, usage, & other factors 45W, 65W, or 65W slim USB-C AC adapter
WLAN +	vPro model: Intel Ethernet Connection I219-LM (Jacksonville) One of the following, configurable by model:									Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64
Bluetooth™ (optional)	 Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.2, M.2 card (NOT available in EMEA) Intel Wireless-AC 9260, Wi-Fi 2x2 802.11ac + Bluetooth 5.0 Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 									Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service
MMAN (optional)	otional) One of the following, configurable by model:									Mil-Spec test	MIL-STD-810G military testing
	 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> 								only)	Environment	EPEAT™ Silver; ENERGY STAR [®] 7.1; RoHS-compliant
SIM card	None		,								
Note: The specifica	ations above	a may n	ot be ava	ilable in all i	egions.						Lenovo

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

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