

ThinkPad L390 20NR001EGE

Product
ThinkPad L390

Region
EMEA

Machine Type
20NR

TopSeller
TopSeller

Processor
Core i7-8565U (4C, 1.8 / 4.5GHz, 8MB)

vPro
No

Graphics
Integrated Intel UHD Graphics 620

Memory
16GBx1

Display
13.3" FHD (1920x1080) IPS

Multi-touch
None

Storage
512GB SSD M.2 (2280) PCIe NVMe Opal2

Optical
None

WLAN + Bluetooth
Intel 9560 ac, 2x2 + BT5.0

Monitor Cable
None

Bundled Accessories
None

Color
Black

Camera
720p

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
dTPM 2.0

Battery
45Wh

Power Adapter
65W USB-C

Operating System
Windows 10 Pro 64

Warranty
1-year, Depot

End of Support
Jan 25, 2025

Ann Date (mm/yy)
12/18

Note:
* Country Code "US" is for United States, "+" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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ThinkPad L390 Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor									Dimensions Weight Case color Case material	WxDxH: 12.67" x 8.83" x 0.74"; 321.8mm x 224.2mm x 18.8mm Starting at 3.22 lb / 1.46 kg Black or Silver Display cover: Aluminum Bottom: GFRP
	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 620			
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB					
i7-8565U	1.8 GHz			4.5 GHz	8MB						
Graphics	Intel UHD Graphics 620 in processor; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)									Smart card reader	None
Chipset	Intel SoC (System on Chip) platform									Media reader	MicroSD card reader
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets									Ports	Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet extension connector, headphone / microphone combo jack, microSD card reader, security keyhole
Display	Size / Resolution		Surface	Type	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle	Multi-touch	Monitor cable (optional)	USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to VGA + Power Adapter: Lenovo USB-C to VGA plus Power Adapter USB-C to HDMI: Lenovo USB-C to HDMI Adapter USB-C to HDMI + Power Adapter: Lenovo USB-C to HDMI plus Power Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter USB-C to RJ45: Lenovo USB-C to Ethernet Adapter USB-C to USB-A: Lenovo USB-C to USB-A Adapter USB-C to USB-C: Lenovo USB-C to USB-C Cable 2M
	13.3" HD (1366x768)		Anti-glare	TN	250 nits	16:9	500:1	90°	Non-touch	Adapter (optional)	
	13.3" FHD (1920x1080)		Anti-glare	IPS	250 nits	16:9	700:1	170°	Non-touch		
	13.3" FHD (1920x1080)		Anti-glare	IPS	250 nits	16:9	800:1	170°	On-cell touch		
Multi-touch (opt)	On-cell touch, supports 10-finger gesture									Camera	HD720p camera, fixed focus
Storage	One of the following, configurable by model: • M.2 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									Audio support	HD Audio, Realtek ALC3287 codec / stereo speakers, 2W x 2, Dolby® Audio™ Premium / dual array microphone, headphone / microphone combo jack
Optical	None									Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Cable or Lenovo USB-C to Ethernet Adapter									UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card									Security	Power-on password, hard disk password, supervisor password, security keyhole
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									Security chip	Discrete TPM 2.0, TCG Certified
WWAN	None									vPro	None
										Fingerprint reader	Optional: Touch style fingerprint reader on the palm rest
										NFC (optional)	Near Field Communication
										Battery	Integrated Li-ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter
										Max battery life	MobileMark® 2014: 14.61 hr * Battery life varies significantly with settings, usage, & other factors
										AC adapter	45W or 65W USB Type-C AC adapter
										Preload	Windows® 10 Home 64 or Windows 10 Pro 64
										Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service
										Mil-Spec test	MIL-STD-810G military certification
										Environment	ENERGY STAR® 7.0; RoHS-compliant

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