

ThinkPad L390 Yoga Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor							Dimensions	WxDxH: 12.67" x 8.82" x 0.74"; 321.8mm x 224.2mm x 18.8mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 3.44 lbs / 1.56 kg
	i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Case color	Black or Silver
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB			Case material	Display cover: Magnesium / Aluminum
i7-8565U	4	8	1.8 GHz	4.6 GHz	8MB	Bottom: GFRP				
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	13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 72% gamut, 170° viewing angle							Monitor cable (optional)	<ul style="list-style-type: none"> 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 	
Multi-touch	Capacitive-type multi-touch, AR (anti-reflection), supports 10-finger gesture							Bundled Accessories (optional)	None	
Hinge	Yoga hinge, 360 degree							Camera	<ul style="list-style-type: none"> 720p: HD720p resolution, low light sensitive, fixed focus IR & 720p: IR camera and HD720p camera, fixed focus (black model only) World facing: 5MP resolution, auto focus (mutually exclusive with fingerprint reader) 	
Multi-mode	Notebook, stand, tent, tablet							Audio support	HD Audio, Realtek ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack	
Pen (optional)	ThinkPad Pen Pro, active pen for multi-touch display, on-board garage							Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight	
Storage	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 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 							UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch	
Optical	None							Security	Power-on password, hard disk password, supervisor password, security keyhole	
Storage	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe) 							Security chip	Discrete TPM 2.0, TCG Certified	
Optical	None							vPro	None	
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							Fingerprint reader	Optional: Touch style fingerprint reader on the palm rest (mutually exclusive with World facing camera)	
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card							NFC (optional)	Near Field Communication	
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Battery	Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter	
WWAN	None							Max battery life	MobileMark® 2014: 12.17 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	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 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	