

ThinkPad L390 Yoga Platform Specifications

Product Specifications Reference (PSREF)



Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor	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	4	8	1.8 GHz	4.6 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)								
Chipset	Intel SoC (System on Chip) platform								
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								
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								
Multi-touch (opt)	Capacitive-type multi-touch, AR (anti-reflection), supports 10-finger gesture								
Hinge	Yoga hinge, 360 degree								
Multi-mode Pen (optional)	Notebook, stand, tent, tablet ThinkPad Pen Pro, active pen for multi-touch display, on-board garage								
Storage	One of the following, configurable by model: <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 								
Optical	None								
Storage	One of the following, configurable by model: <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) 								
Optical	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								
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card								
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
WWAN	None								
Dimensions	WxDxH: 12.67" x 8.82" x 0.74"; 321.8mm x 224.2mm x 18.8mm								
Weight	Starting at 3.44 lbs / 1.56 kg								
Case color	Black or Silver								
Case material	Magnesium / Aluminum								
Display cover:	GFRP								
Bottom:	GFRP								
Smart card reader	None								
Media reader	MicroSD card reader								
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								
Monitor cable (optional)	Lenovo USB-C to VGA Adapter Lenovo USB-C to VGA plus Power Adapter Lenovo USB-C to HDMI Adapter Lenovo USB-C to HDMI plus Power Adapter Lenovo USB-C to DisplayPort Adapter Lenovo USB-C to DP; Lenovo USB-C to Ethernet Adapter Lenovo USB-C to USB-A; Lenovo USB-C to USB-C; Lenovo USB-C to USB-C Cable 2M								
Adapter cable (optional)	Lenovo USB-C to USB-C Cable 2M								
Camera	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)								
Audio support	HD Audio, Realtek ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack								
Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight								
UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch								
Security	Power-on password, hard disk password, supervisor password, security keyhole								
Security chip vPro	Discrete TPM 2.0, TCG Certified								
Fingerprint reader	Optional: Touch style fingerprint reader on the palm rest (mutually exclusive with World facing camera)								
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: 12.17 hrs * 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: <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								

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January 2019