ThinkPad L390 Yoga 20NT0015GE

Product
ThinkPad L390 Yoga

Region
EMEA

Country
Germany

Machine Type
20NT

TopSeller
TopSeller

Processor
Core i7-8565U (4C, 1.8 / 4.6GHz, 8MB)

vPro
No

Graphics
Integrated Intel UHD Graphics 620

Memory
8GBx1

Display
13.3" FHD (1920x1080) IPS

Multi-touch
10-point Multi-touch

Storage
256GB 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

Pen
ThinkPad Pen Pro

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

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.
https://www.lenovo.com/hk/en/battery-info

ThinkPad L390 Yoga Platform Specifications

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 Capacitive-type multi-touch, AR (anti-reflection), supports 10-finger gesture
Hinge Yoga hinge, 360 degree
Multi-mode Notebook, stand, tent, tablet
Pen *(optional)* ThinkPad Pen Pro, active pen for multi-touch display, on-board garage

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
Optical None

Storage *One of the following, configurable by model:*
• 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 *Display cover:* Magnesium / Aluminum
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
* Depending on many factors, actual data transfer speed may be lower than theoretical speed
Monitor cable *USB-C to VGA:* Lenovo USB-C to VGA Adapter
(optional) *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
Adapter cable *USB-C to DP:* Lenovo USB-C to DisplayPort Adapter
(optional) *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

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 Discrete TPM 2.0, TCG Certified
vPro None
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 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

ThinkPad L390 Yoga