ThinkPad L390 Yoga 20NT0011PB

Product
ThinkPad L390 Yoga

Region
EAST

Machine Type
20NT

TopSeller
TopSeller

Processor
Core i5-8265U (4C, 1.6 / 3.9GHz, 6MB)

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
Silver

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

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 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	4.5 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)

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

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
Bluetooth™

Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card
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

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

Adapter cable *(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
UltraNav™

6-row, spill-resistant, multimedia Fn keys, optional LED backlight
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 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:

- 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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