

ThinkPad L390 Yoga 20NT001KGE

Product
ThinkPad L390 Yoga

Region
WE

Country
Germany

Machine Type
20NT

TopSeller
TopSeller

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

Graphics
Integrated Intel UHD Graphics 620

Chipset
Intel SoC Platform

Memory
1x 16GB DDR4-2400

Display
13.3" FHD (1920x1080) IPS 300nits Anti-glare

Multi-touch
10-point Multi-touch

Storage
512GB SSD M.2 2280 PCIe NVMe

Optane Memory
None

Optical
None

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

WWAN
None

Smart Card Reader
None

Monitor Cable
None

Bundled Accessories
None

Color
Black

Case Material
Magnesium/Aluminum

Camera
720p

Keyboard
Backlit

Pen
ThinkPad Pen Pro

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
Discrete TPM 2.0

Battery
Integrated 45Wh

Power Adapter
65W USB-C

System Management
None

Operating System
Windows 10 Pro 64

Bundled Software
None

Warranty
1-year, Depot

End of Support
2025-03-05

Announce Date
2019-02-05

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>



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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) | <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> 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 | |
| Multi-touch | Capacitive-type multi-touch, AR (anti-reflection), supports 10-finger gesture | | | | | | | Bundled Accessories (optional) | 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 | |
| Hinge | Yoga hinge, 360 degree | | | | | | | 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) | |
| Multi-mode Pen (optional) | ThinkPad Pen Pro, active pen for multi-touch display, on-board garage | | | | | | | Audio support | HD Audio, Realtek ALC3287 codec, Dolby® Audio™ Premium / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack | |
| 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 None | | | | | | | Keyboard | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight | |
| Optical | None | | | | | | | UltraNav™ | TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch | |
| 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) None | | | | | | | Security | Power-on password, hard disk password, supervisor password, security keyhole | |
| Optical | None | | | | | | | Security chip | Discrete TPM 2.0, TCG Certified | |
| 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 | | | | | | | vPro | None | |
| WLAN | Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card | | | | | | | Fingerprint reader | Optional: Touch style fingerprint reader on the palm rest (mutually exclusive with World facing camera) | |
| Bluetooth™ | Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter | | | | | | | NFC (optional) | Near Field Communication | |
| WWAN | None | | | | | | | 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 | <i>MobileMark® 2014:</i> 12.17 hr <i>* Battery life varies significantly with settings, usage, & other factors</i> | |
| | | | | | | | | 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 | |

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