ThinkPad L13 Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron® Processor or 10th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Celeron 5205U	2	2	1.9 GHz	-	2MB	DDR4-2400	Intel UHD Graphics
i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	DDR4-2666	
i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB		
i5-10310U			1.7 GHz	4.4 GHz	6MB		
i7-10510U			1.8 GHz	4.9 GHz	8MB		
i7-10610U			1.8 GHz	4.9 GHz	8MB		

Graphics

Intel UHD Graphics 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

4GB, 8GB, or 16GB / 2666MHz DDR4 / soldered to systemboard, no sockets
** System clocks down for processor with lower memory controller*

Display

Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Viewing Angle
13.3"	HD (1366x768)	TN	Anti-glare	250 nits	16:9	500:1	90°
13.3"	FHD (1920x1080)	WVA	Anti-glare	250 nits (non-touch) 300 nits (multi-touch)	16:9	800:1 (non-touch) 700:1 (multi-touch)	170°

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture (FHD only)

Storage

One of the following, configurable by model:
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
- Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4

Optical

None

Ethernet

Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*), RJ45 connector via optional ThinkPad Ethernet Extension Adapter Gen 2 or Lenovo USB-C to Ethernet Adapter

WLAN + Bluetooth™

One of the following, configurable by model:
- Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card
- Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0, M.2 card

WWAN

None

SIM card

None

Dimensions

WxDxH: 12.26" x 8.62" x 0.69"; 311.5mm x 219mm x 17.6mm

Weight

Starting at 3.06 lb / 1.38 kg

Case color

Black or Silver

Case material

Display cover: Aluminum
Bottom: GFRP

Smart card reader

Optional: Smart card reader

Media reader

MicroSD card reader

Ports

Two USB 3.1 Gen 1 (one Always On),
two USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort),
HDMI 1.4b, Ethernet extension connector, headphone / microphone combo jack,
optional smart card reader, microSD card reader, side docking connector,
security keyhole
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Monitor cable *(optional)*

- Lenovo USB-C to VGA Adapter
- Lenovo USB-C to HDMI Adapter
- Lenovo USB-C to DisplayPort Adapter
- Lenovo HDMI to VGA Monitor Adapter

Bundled Accessories *(optional)*

- Lenovo USB-C to USB-A Adapter
- Lenovo USB-C to USB-C Cable 2m
- Lenovo USB-C to Ethernet Adapter
- ThinkPad Ethernet Extension Adapter Gen 2

Camera

One of the following, configurable by model:
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus

Audio support

HD Audio, Synaptic® CX11880 codec /
stereo speakers, 2W x 2, Dolby® Audio™ Premium /
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

Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified
(may be disabled in some region)

System Mgt *(opt)*

Intel vPro Technology

Fingerprint reader

Optional: Touch style fingerprint reader on the palm rest

NFC

None

Battery

Integrated Li-Polymer 46Wh battery,
supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max battery life

MobileMark® 2014: 14.1 hr
** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter

- 45W USB-C AC adapter
- 65W USB-C AC adapter
- 65W USB-C slim AC adapter

Operating system *(optional)*

- Windows® 10 Home 64
- Windows 10 Pro 64
- Windows 10 Pro in S mode

Limited warranty *(optional)*

- 1-year depot repair service
- 1-year depot with 2-year system board repair service
- 1-year + 2-year depot repair service
- 1-year + 2-year onsite repair service
- 1-year limited onsite service
- 3-year/1-yr battery depot repair service
- 3-year/1-yr battery limited onsite service

Mil-Spec test

MIL-STD-810G military testing

Environment

EPEAT™ Gold; ENERGY STAR® 7.1; TCO Certified; RoHS-compliant

Note: The specifications above may not be available in all regions and might change by regions.

Lenovo
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