ThinkPad L14 Gen 1 (AMD) Platform Specifications

Processor

AMD Ryzen™ Mobile Processors with Radeon™ Graphics or
AMD Ryzen PRO 4000 Series Mobile Processors

Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Controller	Processor Graphics
Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon™ Graphics
Ryzen 3 PRO 4450U	4	8	2.5 GHz	3.7 GHz	2MB L2 / 4MB L3		
Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB L2 / 8MB L3		
Ryzen 5 PRO 4650U	6	12	2.1 GHz	4.0 GHz	3MB L2 / 8MB L3		
Ryzen 7 PRO 4750U	8	16	1.7 GHz	4.1 GHz	4MB L2 / 8MB L3		

Graphics

AMD Radeon Graphics in processor;
supports up to 4 independent displays via native display and 3 external monitors;
supports external monitors via HDMI (up to 4096x2160@24Hz) or
USB Type-C (up to 3840x2160@60Hz)

Chipset

AMD SoC (System on Chip) platform

Memory

64GB max / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display

Size	Resolution	Type	Surface	Touch	Bright-ness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle
14.0"	HD (1366x768)	TN	Anti-glare	-	220 nits	16:9	400:1	45%	90°
14.0"	FHD (1920x1080)	IPS	Anti-glare	-	250 nits	16:9	700:1	45%	170°
14.0"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	45%	170°

Multi-touch *(opt)*

On-cell touch, supports 10-finger gesture

Storage

- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical

None

Ethernet

Realtek® RTL8111HN *(Non-DASH)* or RTL8111EPV *(DASH)*
Gigabit Ethernet connection

WLAN + BT *(opt)*

Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1

WWAN *(optional)*

- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card

** For non-WWAN model, it means the model is NOT WWAN upgradable*

SIM card *(opt)*

Gemalto eSIM Card

Dimensions

WxDxH: 13.03" x 9.25" x 0.80"; 331mm x 235mm x 20.4mm

Weight

Starting at 3.56 lb / 1.61 kg

Case color

Black

Case material

Display cover: PC/ABS plastic;
Bottom: PC/ABS plastic

Smart card reader

Optional: Smart card reader

Media reader

MicroSD card reader

Ports

Two USB 3.2 Gen 1 (one Always On),
one USB 3.2 Type-C Gen 1 (w/ the function of Power Delivery and DP 1.4),
one USB 3.2 Type-C Gen 2 (w/ the function of Power Delivery and DP 1.4),
HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models),
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 HDMI to VGA Monitor Adapter
- Lenovo USB-C to VGA Adapter
- Lenovo USB-C to DisplayPort Adapter

Bundled Accy

None

Camera *(optional)*

- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus

Audio support

HD Audio, Realtek® ALC3287 codec / stereo speakers, 2W x 2, Dolby® Audio /
dual array far-field microphone (optional for special bid model),
headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls,
optional LED backlight

UltraNav™

TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

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

System Mgt *(opt)*

DASH Management

Fingerprint reader

Optional: Touch style match on host fingerprint reader on the palm rest

NFC

None

Battery

Integrated Li-Polymer 45Wh battery,
supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max battery life

MobileMark® 2014: 14.36 hr
MobileMark 2018: 10.5 hr

** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter

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

Operating system

Optional: Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty *(optional)*

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

Mil-Spec test

Work in progress

Environment

EPEAT™ Silver; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant

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