ThinkPad L15 Gen 1 (AMD) 20U70003GE

Product
ThinkPad L15 Gen 1 (AMD)

Region
WE

Country/Region
Germany

Machine Type
20U7

TopSeller
TopSeller

Processor
AMD Ryzen 5 4500U (6C / 6T, 2.3 / 4.0GHz, 3MB L2 / 8MB L3)

Graphics
Integrated AMD Radeon Graphics

Chipset
AMD SoC Platform

Memory
1x 8GB SO-DIMM DDR4-3200

Storage
256GB SSD M.2 2280 PCIe NVMe Opal2

Display
15.6" FHD (1920x1080) WVA 250nits Anti-glare

Touchscreen
None

Media Reader
MicroSD Reader

Ethernet
100/1000M

Optical
None

WLAN + Bluetooth
Intel AX200 11ax, 2x2 + BT5.1

WWAN
WWAN Upgradable

SIM Card
None

Smart Card Reader
Smart Card Reader

Monitor Cable
None

Case Material
PC / ABS (Top), PC / ABS (Bottom)

Bundled Accessories
None

Camera
720p + IR with ThinkShutter

Microphone
2x, Array

Color
Black

Keyboard
Backlit, German

Fingerprint Reader
Touch Style, Match-on-Host

NFC
None

TPM
Discrete TPM 2.0

Battery
Integrated 45Wh

Power Adapter
65W USB-C

System Management
None

Operating System
Windows 10 Pro 64, German

Bundled Software
None

Base Warranty
1-year, Depot

Bundled Service
None

EAN / UPC / JAN
0194778804738

End of Support
2027-01-04

Announce Date
2020-07-21

Recommended Services

Best
5Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36170)

Better
4Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36177)

Good
3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36154)

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.

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ThinkPad L15 Gen 1 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

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
15.6"	HD (1366x768)	TN	Anti-glare	-	220 nits	16:9	400:1	45%	90°
15.6"	FHD (1920x1080)	WVA	Anti-glare	-	250 nits	16:9	700:1	45%	170°
15.6"	FHD (1920x1080)	WVA	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

Dimensions *WxDxH:* 14.43" x 9.84" x 0.83"; 366.5mm x 250mm x 21mm

Weight Starting at 4.37 lb / 1.98 kg

Case color Black

Case material 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 1.2),
one USB 3.2 Type-C Gen 2 (w/ the function of Power Delivery and DP 1.2),
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, numeric keypad, 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:* 13.78 hr
MobileMark 2018: 10.43 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 MIL-STD-810G military testing

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

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

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