

ThinkPad L15 Gen 1 (AMD) 20U70006GE

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 16GB SO-DIMM DDR4-3200

Storage

512GB 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

0194778805278

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										Dimensions	WxDxH: 14.43" x 9.84" x 0.83"; 366.5mm x 250mm x 21mm	
	Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Controller	Processor Graphics	Weight	Starting at 4.37 lb / 1.98 kg			
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon™ Graphics	Case color	Black			
	Ryzen 3 PRO 4450U	4	8	2.5 GHz	3.7 GHz	2MB L2 / 4MB L3			Case material	PC/ABS plastic			
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB L2 / 8MB L3			Smart card reader	Optional: Smart card reader			
	Ryzen 5 PRO 4650U	6	12	2.1 GHz	4.0 GHz	3MB L2 / 8MB L3			Media reader	MicroSD card reader			
Ryzen 7 PRO 4750U	8	16	1.7 GHz	4.1 GHz	4MB L2 / 8MB L3	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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>				
Monitor cable (optional) • Lenovo HDMI to VGA Monitor Adapter • Lenovo USB-C to VGA Adapter • Lenovo USB-C to DisplayPort Adapter													
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)										Bundled Accy	None	
Chipset	AMD SoC (System on Chip) platform										Camera (optional)	• HD720p camera with ThinkShutter camera privacy, fixed focus	
Memory	64GB max / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets										Audio support	• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus • 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	
Display	Size	Resolution	Type	Surface	Touch	Bright-ness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad, optional LED backlight	
	15.6"	HD (1366x768)	TN	Anti-glare	-	220 nits	16:9	400:1	45%	90°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
	15.6"	FHD (1920x1080)	WVA	Anti-glare	-	250 nits	16:9	700:1	45%	170°	Security chip	Power-on password, hard disk password, supervisor password, security keyhole	
	15.6"	FHD (1920x1080)	WVA	Anti-glare	Multi-touch	300 nits	16:9	700:1	45%	170°	Security chip	Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified	
											System Mgt (opt)	DASH Management	
Multi-touch (opt)	On-cell touch, supports 10-finger gesture										Fingerprint reader	Optional: Touch style match on host fingerprint reader on the palm rest	
Storage	• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4										NFC	None	
Optical	None										Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter	
Ethernet	Realtek® RTL8111HN (Non-DASH) or RTL8111EPV (DASH) Gigabit Ethernet connection										Max battery life	MobileMark® 2014: 13.78 hr MobileMark 2018: 10.43 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	
WLAN + BT (opt)	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1										AC adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter	
WWAN (optional)	• Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i>										Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64	
SIM card (opt)	Gemalto eSIM										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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