

ThinkPad L15 Gen 1 (AMD) 20U70002PB

Product

ThinkPad L15 Gen 1 (AMD)

Region

EET

Country/Region

Poland

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) IPS 250nits Anti-glare

Touchscreen

None

Media Reader

MicroSD Reader

Ethernet

100/1000M

Optical

None

WLAN + Bluetooth

Intel AX200 11ax, 2x2 + BT5.1

WWAN

Fibocom L850-GL

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, English (EU)

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, Polish / English

Bundled Software

None

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

0194778806503

End of Support

2027-01-04

Announce Date

2020-07-21

Recommended Services**Best**

5Y Onsite upgrade from 1Y Depot/CCI (5WS0A14083)

Better

4Y Onsite upgrade from 1Y Depot/CCI (5WS0A14093)

Good

3Y Onsite upgrade from 1Y Depot/CCI (5WS0A14086)

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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AMD

Lenovo™

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 Weight Case color Case material	<i>WxDxH:</i> 14.43" x 9.84" x 0.83"; 366.5mm x 250mm x 21mm Starting at 4.37 lb / 1.98 kg Black PC/ABS plastic																																								
	<table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Clock</th> <th>Max Boost Clock</th> <th>Cache</th> <th>Memory Controller</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>Ryzen 3 4300U</td> <td>4</td> <td>4</td> <td>2.7 GHz</td> <td>3.7 GHz</td> <td>2MB L2 / 4MB L3</td> <td rowspan="5">DDR4-3200</td> <td rowspan="5">AMD Radeon™ Graphics</td> </tr> <tr> <td>Ryzen 3 PRO 4450U</td> <td>4</td> <td>8</td> <td>2.5 GHz</td> <td>3.7 GHz</td> <td>2MB L2 / 4MB L3</td> </tr> <tr> <td>Ryzen 5 4500U</td> <td>6</td> <td>6</td> <td>2.3 GHz</td> <td>4.0 GHz</td> <td>3MB L2 / 8MB L3</td> </tr> <tr> <td>Ryzen 5 PRO 4650U</td> <td>6</td> <td>12</td> <td>2.1 GHz</td> <td>4.0 GHz</td> <td>3MB L2 / 8MB L3</td> </tr> <tr> <td>Ryzen 7 PRO 4750U</td> <td>8</td> <td>16</td> <td>1.7 GHz</td> <td>4.1 GHz</td> <td>4MB L2 / 8MB L3</td> </tr> </tbody> </table>	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	Smart card reader Media reader Ports Monitor cable (optional) Bundled Accy	<i>Optional:</i> Smart card reader MicroSD card reader 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> • Lenovo HDMI to VGA Monitor Adapter • Lenovo USB-C to VGA Adapter • Lenovo USB-C to DisplayPort Adapter None
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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)	Camera (optional)	• HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus																																								
Chipset	AMD SoC (System on Chip) platform	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																																								
Memory	64GB max / 3200MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad, optional LED backlight																																								
Display	<table border="1"> <thead> <tr> <th>Size</th> <th>Resolution</th> <th>Type</th> <th>Surface</th> <th>Touch</th> <th>Brightness</th> <th>Aspect Ratio</th> <th>Contrast Ratio</th> <th>Color Gamut</th> <th>Viewing Angle</th> </tr> </thead> <tbody> <tr> <td>15.6"</td> <td>HD (1366x768)</td> <td>TN</td> <td>Anti-glare</td> <td>-</td> <td>220 nits</td> <td>16:9</td> <td>400:1</td> <td>45%</td> <td>90°</td> </tr> <tr> <td>15.6"</td> <td>FHD (1920x1080)</td> <td>WVA</td> <td>Anti-glare</td> <td>-</td> <td>250 nits</td> <td>16:9</td> <td>700:1</td> <td>45%</td> <td>170°</td> </tr> <tr> <td>15.6"</td> <td>FHD (1920x1080)</td> <td>WVA</td> <td>Anti-glare</td> <td>Multi-touch</td> <td>300 nits</td> <td>16:9</td> <td>700:1</td> <td>45%</td> <td>170°</td> </tr> </tbody> </table>	Size	Resolution	Type	Surface	Touch	Brightness	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°	UltraNav™ Security Security chip System Mgt (opt) Fingerprint reader NFC	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad Power-on password, hard disk password, supervisor password, security keyhole Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified DASH Management <i>Optional:</i> Touch style match on host fingerprint reader on the palm rest None
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Multi-touch (opt)	On-cell touch, supports 10-finger gesture	Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter																																								
Storage	• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4	Max battery life	<i>MobileMark® 2014:</i> 13.78 hr <i>MobileMark 2018:</i> 10.43 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>																																								
Optical	None	AC adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter																																								
Ethernet	Realtek® RTL8111HN (Non-DASH) or RTL8111EPV (DASH) Gigabit Ethernet connection	Operating system	<i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64																																								
WLAN + BT (opt)	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1	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																																								
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>	Mil-Spec test	MIL-STD-810G military testing																																								
SIM card (opt)	Gemalto eSIM	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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August 2020

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