

# 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											• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus	
Display	Size	Resolution	Type	Surface	Touch	Bright-ness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	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	
	15.6"	HD (1366x768)	TN	Anti-glare	-	220 nits	16:9	400:1	45%	90°	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad, optional LED backlight	
	15.6"	FHD (1920x1080)	IPS	Anti-glare	-	250 nits	16:9	700:1	45%	170°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
	15.6"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	45%	170°	Security	Power-on password, hard disk password, supervisor password, security keyhole	
Multi-touch (opt)	On-cell touch, supports 10-finger gesture										Security chip	Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified	
Storage	• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4										System Mgt (opt)	DASH Management	
Optical	None										Fingerprint reader	Optional: Touch style match on host fingerprint reader on the palm rest	
Ethernet	Realtek® RTL8111HN (Non-DASH) or RTL8111EPV (DASH) Gigabit Ethernet connection										NFC	None	
WLAN + Bluetooth™ (opt)	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1 <i>* Intel WiFi 6 full features might be limited by country level restrictions</i> <i>* BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)</i>										Battery	Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W 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>										Max battery life	MobileMark® 2014: 13.78 hr MobileMark 2018: 10.43 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>	
SIM card (opt)	Gemalto eSIM										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.

Lenovo  
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