

ThinkPad X13 Gen 1 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ PRO 4000 Series Mobile Processors									Smart card reader	Optional: Smart card reader	
	Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Controller	Processor Graphics		Media reader	MicroSD card reader, in the combo slot with nano-SIM card	
	Ryzen 3 PRO 4450U	4	8	2.5 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon™ Graphics		Ports	Two USB 3.2 Gen 1 (Always On), two USB 3.2 Type-C Gen 2 (w/ the function of Power Delivery and DisplayPort 1.4), HDMI 2.0, Ethernet extension connector, combo slot of nano-SIM card (WWAN models) and microSD card reader, headphone / microphone combo jack, optional smart card reader, side docking connector, security keyhole	
	Ryzen 5 PRO 4650U	6	12	2.1 GHz	4.0 GHz	3MB L2 / 8MB L3						* Depending on many factors, actual data transfer speed may be lower than theoretical speed
	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 4K@60Hz) or USB Type-C (up to 5K@60Hz)									Monitor cable (optional)	<ul style="list-style-type: none"> Lenovo HDMI to VGA Monitor Adapter Lenovo USB-C to VGA Adapter Lenovo USB-C to DisplayPort Adapter 	
Chipset	AMD SoC (System on Chip) platform									Bundled Accy	Optional: ThinkPad Ethernet Extension Adapter Gen 2	
Memory	8GB, 16GB, or 32GB / 3200MHz DDR4 / soldered to systemboard, no sockets									Camera (optional)	<ul style="list-style-type: none"> HD720p camera with ThinkShutter camera privacy, fixed focus IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus 	
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Audio support	HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 1W x 2 / optional dual array far-field microphone, headphone / microphone combo jack
	13.3"	HD (1366x768)	TN	Anti-glare	-	250 nits	16:9	300:1	45%	90°	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight
	13.3"	FHD (1920x1080)	IPS	Anti-glare	-	300 nits	16:9	800:1	72%	170°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
	13.3"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	72%	170°	Security	Power-on password, hard disk password, supervisor password, security keyhole
	13.3"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	-	500 nits	16:9	1000:1	72%	170°	Security chip System Mgt	Discrete TPM 2.0 TCG Certified DASH Management
Multi-touch (opt)	On-cell touch, supports 10-finger gesture									Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest	
Storage	<ul style="list-style-type: none"> M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 									NFC	None	
Optical	None									Battery	Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter	
Ethernet	Native Realtek® RTL8111EPV Gigabit Ethernet connection via optional ThinkPad Ethernet Extension Adapter Gen 2									Max battery life	<i>MobileMark® 2014:</i> 12.8 hr <i>MobileMark 2018:</i> 10.35 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors	
WLAN + BT	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1									AC adapter	<ul style="list-style-type: none"> 45W USB-C AC adapter 65W USB-C AC adapter 65W USB-C slim AC adapter 	
WWAN (optional)	<ul style="list-style-type: none"> 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									Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64	
SIM card (opt)	Gemalto eSIM Card									Limited warranty (optional)	<ul style="list-style-type: none"> 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 limited onsite service 3-year/1-yr battery depot repair service 3-year/1-yr battery limited onsite service 	
Dimensions	WxDxH: 12.28" x 8.55" x 0.67"; 311.9mm x 217.2mm x 16.9mm									Mil-Spec test	MIL-STD-810G military testing	
Weight	Models	HD	FHD Non-touch	FHD Touch	FHD Privacy Guard					Environment	EPEAT™ Silver; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant	
	Weight	2.85 lb / 1.29 kg	2.85 lb / 1.29 kg	2.84 lb / 1.28 kg	2.85 lb / 1.29 kg							
Case color	Black											
Case material	Display cover: PPS/GF;											
	Bottom: Magnesium/Aluminum											

Note: The specifications above may not be available in all regions.

Lenovo
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