

# ThinkPad X13 Gen 1 (AMD) Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ PRO 4000 Series Mobile Processors									Smart card reader <i>Optional</i> : Smart card reader		
	Processor Number	# of Cores	# of Threads	Base Clock	Max Boost Clock	Cache	Memory Controller	Processor Graphics			Media reader	
	Ryzen 3 PRO 4450U	4	8	2.5 GHz	3.7 GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon™ Graphics			Ports	
	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 4K@60Hz) or USB Type-C (up to 5K@60Hz)									Monitor cable <i>(optional)</i>		
Chipset Memory	AMD SoC (System on Chip) platform 8GB, 16GB, or 32GB / 3200MHz DDR4 / soldered to systemboard, no sockets									Bundled Accy <i>Optional</i> : ThinkPad Ethernet Extension Adapter Gen 2		
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Camera <i>(optional)</i>	
	13.3"	HD (1366x768)	TN	Anti-glare	-	250 nits	16:9	300:1	45%	90°	• HD720p camera with ThinkShutter camera privacy, fixed focus	
	13.3"	FHD (1920x1080)	IPS	Anti-glare	-	300 nits	16:9	800:1	72%	170°	• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus	
	13.3"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	72%	170°	HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 1W x 2 / optional dual array far-field microphone, headphone / microphone combo jack	
	13.3"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	-	500 nits	16:9	1000:1	72%	170°	Keyboard	
Multi-touch <i>(opt)</i>	On-cell touch, supports 10-finger gesture									6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight		
Storage	<ul style="list-style-type: none"> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> </ul>									UltraNav™		
Optical	None									TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad		
Ethernet	Native Realtek® RTL8111EPV Gigabit Ethernet connection via optional ThinkPad Ethernet Extension Adapter Gen 2									Security		
WLAN + BT	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>									Security chip		
WWAN <i>(optional)</i>	<ul style="list-style-type: none"> <li>Wireless WAN upgradable</li> <li>Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card</li> <li><i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i></li> </ul>									System Mgt		
SIM card <i>(opt)</i>	Gemalto eSIM									DASH Management		
Dimensions	WxDxH: 12.28" x 8.55" x 0.67"; 311.9mm x 217.2mm x 16.9mm									Fingerprint reader		
Weight	Models	HD	FHD Non-touch	FHD Touch	FHD Privacy Guard						NFC	
	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						None	
Case color	Black									Battery		
Case material	Display cover: PPS/GF; Bottom: Magnesium/Aluminum									Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter		
										Max battery life		
										<i>MobileMark® 2014</i> : 12.8 hr <i>MobileMark 2018</i> : 10.35 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>		
										AC adapter		
										<ul style="list-style-type: none"> <li>45W USB-C AC adapter</li> <li>65W USB-C AC adapter</li> <li>65W USB-C slim AC adapter</li> </ul>		
										Operating system <i>Optional</i> : Windows® 10 Home 64 or Windows 10 Pro 64		
										Limited warranty <i>(optional)</i>		
										<ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>1-year depot with 2-year system board repair service</li> <li>1-year limited onsite service</li> <li>1-year + 2-year depot repair service</li> <li>1-year + 2-year limited onsite service</li> <li>3-year/1-yr battery depot repair service</li> <li>3-year/1-yr battery limited onsite service</li> </ul>		
										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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