

ThinkPad X1 Tablet (3rd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor								Control buttons Power button, volume control button, reset switch Dock <i>Optional:</i> Hybrid dock Monitor cable (<i>opt</i>) None Adapter (<i>optional</i>) <i>USB-C to RJ45:</i> Lenovo USB-C to Ethernet Adapter <i>USB-C to VGA:</i> Lenovo USB C to VGA Plus Power Adapter <i>USB-C to HDMI:</i> Lenovo USB-C to HDMI Plus Power Adapter
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620	
	i5-8350U			1.7 GHz	3.6 GHz	6MB			
	i7-8550U			1.8 GHz	4.0 GHz	8MB			
i7-8650U	1.9 GHz			4.2 GHz	8MB				
Graphics	Intel UHD Graphics 620 in processor, supports external digital monitor via USB Type-C								
Chipset	Intel SoC (System on Chip) platform								
Memory	8GB, or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets								
Display	13.0" (330mm) QHD+ (3000x2000), glossy, LED backlight, IPS, anti-fingerprint display with Corning® Gorilla® Glass, WideView (160° viewing), 400 nits, 3:2 aspect ratio, 1200:1 contrast ratio								
Multi-touch Pen	Capacitive touch panel, supports ten-finger gesture <i>Optional:</i> Lenovo Pen Pro or Lenovo Active Pen (ThinkPad Pen Pro) for multi-touch display								
Kick stand	Opening angle up to 170 degrees								
Storage	<i>Some:</i> M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)								
Optical	None								
Storage extension	One microSD card reader, in the combo slot with nano-SIM card, support USH-I, microSDHC, microSDXC								
Ethernet	None								
WLAN	Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card <i>* Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS</i>								
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
WWAN (<i>optional</i>)	Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)								
SIM card (<i>opt</i>)	Nano-SIM card slot, in the combo slot with microSD card reader								
Dimensions	<i>Tablet only:</i> 11.97" x 8.9" x 0.35"; 304.1mm x 226mm x 8.9mm <i>Tablet + keyboard:</i> 11.97" x 8.9" x 0.57"; 304.1mm x 226mm x 14.4mm								
Weight	<i>Tablet only:</i> starting at 1.96 lb (0.89kg) <i>Tablet+keyboard:</i> starting at 2.8 lb (1.27kg)								
Case color	Black								
Case material	Magnesium/Aluminum								
Smart card reader	None								
Ports	Two USB 3.1 Type-C Gen 1 / Thunderbolt 3 / Power Delivery 3.0, one Pogo keyboard connector, one Pen holder slot, headphone / microphone combo jack, combo slot of nano-SIM card (WWAN models) and microSD card reader								
Pogo keyboard	Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch, backlit								
Keyboard color	Black								
Security	Kensington lock slot								
Security chip	Discrete TPM 2.0 TCG Certified								
vPro (<i>optional</i>)	Intel vPro Technology								
Fingerprint reader	<i>Optional:</i> Touch style Fingerprint reader								
NFC (<i>optional</i>)	Near Field Communication (Not available with the IR camera)								
Battery	Integrated Li-Ion 42Wh battery								
Max battery life	<i>MobileMark® 2014:</i> 9.5 hr								
AC adapter	45W or 65W USB Type-C AC adapter								
Light sensor	Ambient Light Sensor								
G-sensor	3D accelerometer								
Compass	3D compass								
Gyroscope	3D gyrometer								
GPS	GPS function is integrated into WWAN module								
Preload	<i>Some:</i> Windows 10 Pro 64 <i>Some:</i> Windows 10 Home 64								
Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot 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 certification								
Environment	EPEAT™ Gold, GREENGUARD, Low Halogen, RoHS								