

Lenovo™ **ThinkPad**® Tablets

PSREF



Product Specifications Reference

Version 550, October 2019

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Summary of Changes

This section describes the technical changes made in this edition.

This edition might also include minor corrections and editorial changes which are not identified.

October 30, 2019 - Version 550

Additions in this update

▶ **New product(s)**

None

▶ **New model(s)**

None

▶ **Others**

ThinkPad X1 Tablet (3rd Gen) - Spec updated

Withdrawals in this update

▶ **Withdrawn product(s)**

None



ThinkPad X1 Tablet (3rd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor								Control buttons Dock (<i>Optional</i>)	Power button, volume control button, reset switch • Thin Keyboard (Magnetic Detachable) • USB-C Dock Gen 2
	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								Monitor cable Bundled Accy (<i>optional</i>)	None <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
Chipset	Intel SoC (System on Chip) platform								Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus <i>Optional:</i> IR camera, fixed focus (mutually exclusive with NFC)
Memory	8GB or 16GB / 2133MHz LPDDR3, soldered to systemboard, no sockets								IR Camera	<i>Optional:</i> IR camera, fixed focus (mutually exclusive with NFC)
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								Audio support	Realtek® ALC3278 codec / stereo speakers, 1W x 2 / dual array microphones, combo audio/microphone jack
Multi-touch Pen (<i>optional</i>)	Capacitive touch panel, supports ten-finger gesture Lenovo Pen Pro or Lenovo Active Pen (ThinkPad Pen Pro)								Pogo keyboard	Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch, backlit
Kick stand	Opening angle up to 170 degrees								Keyboard color	Black
Storage	<i>One of the following, configurable by model:</i> • M.2 2280 SSD / SATA 6.0Gb/s • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s								Security	Kensington lock slot
Optical	None								Security chip	Discrete TPM 2.0 TCG Certified
Storage extension	One microSD card reader, in the combo slot with nano-SIM card, support USH-I, microSDHC, microSDXC								System Mgt (<i>opt</i>)	Intel vPro Technology
Ethernet	None								Fingerprint reader	<i>Optional:</i> Touch style Fingerprint reader
WLAN	Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.2, M.2 card								NFC (<i>optional</i>)	Near Field Communication (mutually exclusive with IR camera)
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Battery	Integrated Li-Ion 42Wh battery
WWAN (<i>optional</i>)	Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)								Max battery life	<i>MobileMark® 2014:</i> 9.5 hrs <i>* Battery life varies significantly with settings, usage, & other factors</i>
SIM card (<i>opt</i>)	Nano-SIM card slot, in the combo slot with microSD card reader								AC adapter	45W or 65W USB Type-C AC adapter
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								Light sensor	Ambient Light Sensor
Weight	<i>Tablet only:</i> starting at 1.96 lb / 0.89kg <i>Tablet+ keyboard:</i> starting at 2.8 lb / 1.27kg								G-sensor	3D accelerometer
Case color	Black								Gyroscope	3D gyrometer
Case material	Magnesium/Aluminum								GPS (<i>optional</i>)	GPS function is integrated into WWAN module
Ports	Two USB 3.1 Type-C Gen 1 ((with the function of Power Delivery and DisplayPort), one Pogo keyboard connector, one Pen holder slot, headphone / microphone combo jack, combo slot of nano-SIM card (WWAN models) and microSD card reader <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>								Preload	<i>One of the following, configurable by model:</i> • Windows® 10 Pro 64 • Windows 10 Home 64
									Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 1-year depot with 2-year system board 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™ Silver, GREENGUARD, Low Halogen, RoHS

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Limited warranty: Support unrelated to a warranty issue may be subject to additional charges.

Lenovo Services:

Carry-in or Mail-in Service: Parts and labor repair coverage where the customer is responsible for shipping (including packaging) or delivery to authorized warranty provider or repair center.

Depot or Courier Service: Parts and labor repair coverage where shipping (including packaging) or delivery to the repair center is paid for by Lenovo.

Expedited Depot: Parts and labor coverage with expedited turnaround. Shipping (including packaging) or delivery to the repair center is paid for by Lenovo.

Onsite / In-home Service: Parts and labor repair coverage where labor is provided onsite at your place of business.

If Lenovo determines your product problem is covered by the product warranty and cannot be resolved over the telephone, a technician will be dispatched to arrive onsite, typically the next day.

International Warranty Service (IWS): PC repair coverage for customers who require a critical warranty repair while travelling internationally. Visit www.lenovo.com/internationalwarranty for details. Visit www.lenovo.com/warranty for Lenovo Warranty Services terms and conditions for complete details and restrictions.

Included software: may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Battery life: Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

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