

ThinkPad X1 Tablet (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ m / i5 / i7 Processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	i5-7Y54	2	4	1.2 GHz	3.2 GHz	4MB	LPDDR3-1866	Intel HD Graphics 615
	i5-7Y57			1.2 GHz	3.3 GHz	4MB		
i7-7Y75	1.3 GHz			3.6 GHz	4MB			
Graphics	Intel HD Graphics 615 in processor, supports 1080p video out via Mini DisplayPort connector							
Chipset	Intel SoC (System on Chip) platform							
Memory	8GB, or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets							
Display	12.0" (304.8mm) FHD+ (2160x1440), glossy, LED backlight, IPS, anti-fingerprint display with Corning® Gorilla® Glass, WideView (170° viewing), 360 nits, 3:2 aspect ratio, 800:1 contrast ratio							
Multi-touch	Capacitive touch panel, supports ten-finger gesture							
Pen	Optional: ThinkPad Pen Pro, active pen for multi-touch display							
Kick stand	Opening angle up to 90 degrees							
Storage	Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) Some: 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 slot, supports up to 32GB microSDHC or 64GB microSDXC							
Ethernet	None							
WLAN	Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, soldered M.2 chip							
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo chip * Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS							
WiGig	Intel Wireless Gigabit 11000, WiGig 802.11ad, soldered M.2 chip							
WWAN (optional)	Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)							
SIM card (opt)	Nano-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card							
Dimensions	Tablet only: 11.48" x 8.25" x 0.34"; 291.5mm x 209.5mm x 8.45mm Tablet + keyboard: 11.48" x 8.25" x 0.56"; 291.5mm x 209.5mm x 14.15mm							
Weight	Tablet only: starting at 1.69 lb (0.77kg) Tablet+keyboard: starting at 2.35 lb (1.07kg)							
Case color	Black							
Case material	Mg + PCGF Hybrid							
Smart card reader	None							
Media reader	One microSD card slot (microSD, microSDHC, microSDXC)							
Ports	One USB 3.1 Gen 1 / USB 3.0, one Mini DisplayPort, one USB 3.1 Type-C Gen 1 / Power Delivery 2.0, one Pogo keyboard connector, one cartrige connector for optional modules, one nano-SIM card slot							
Control buttons	Power button, volume control button, reset switch							
WiGig dock	Optional: ThinkPad WiGig dock							
Monitor cable (optional)	MiniDP to HDMI: Lenovo Mini DisplayPort to HDMI Monitor Cable MiniDP to VGA: Lenovo Mini DisplayPort to VGA Monitor Cable							
Adapter (optional)	USB to RJ45: ThinkPad USB 3.0 Ethernet Adapter USB-C to VGA: Lenovo USB C to VGA Plus Power Adapter USB-C to HDMI: Lenovo USB-C to HDMI Plus Power Adapter							
Camera	Front camera: 2.0-megapixel, fixed focus Rear camera: 8.0-megapixel, auto focus, flash LED							
Video capture	1080p video capture							
Audio support	Realtek® ALC3268 codec / stereo speakers, 0.5W x 2 / three microphones, combo audio/microphone jack							
Pogo keyboard	Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch, backlit							
Keyboard color	Black, red, or silver							
Security	Kensington lock slot							
Security chip	Discrete TPM 2.0 TCG Certified							
vPro (optional)	Intel vPro Technology							
Fingerprint reader	Optional: Touch style Fingerprint reader							
NFC	None							
Module	One of the following, configurable by model: • Productivity module, USB3.0 x 1, HDMI, OneLink+, 5 hrs battery (24Wh) • Presenter module, Pico projector, HDMI and 10Whr battery for presenter							
Battery	Li-Polymer 2-cell (37Wh) battery							
Max battery life	MobileMark® 2014: 10 hr (local video playback)							
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	Some: Windows 10 Pro 64 Some: Windows 10 Home 64 • Lenovo Connect • Lenovo Companion • Lenovo Setting • Microsoft® Office preloaded; purchase a product key to activate							
Limited warranty	One of the following, configurable by model: • 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							