

ThinkPad X1 Tablet Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ M Processor								
	Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory Types	Processor Graphics	vPro
	m3-6Y30	2	4	0.90 GHz	2.20 GHz	4MB	LPDDR3-1866	Intel HD Graphics 515	No
	m5-6Y54	2	4	1.10 GHz	2.70 GHz	4MB			No
	m5-6Y57	2	4	1.10 GHz	2.80 GHz	4MB			Yes
m7-6Y75	2	4	1.20 GHz	3.10 GHz	4MB	Yes			
Graphics	Intel HD Graphics 515 in processor, supports 1080p video out via Mini DisplayPort connector								
Chipset	Intel SoC (System on Chip) platform								
Memory	<i>Some:</i> 4GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard								
	<i>Some:</i> 8GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard								
	<i>Some:</i> 16GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard								
	<i>All:</i> no sockets, dual-channel capable								
Display	12.0" (304.8mm) FHD+ (2160x1440), glare, 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	<i>Optional:</i> ThinkPad Pen Pro, active pen for multi-touch display								
Kick stand	Opening angle up to 90 degrees								
Storage	<i>Some:</i> M.2 SSD / SATA 6.0Gb/s <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s								
Optical	None								
Storage extension	One microSD card slot, supports up to 64GB								
Ethernet	None								
WLAN	<i>One of the following, configurable by model (WiGig is mutually exclusive with IR camera):</i> • 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card • WiGig™+11AC+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 Card								
Bluetooth™	Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter								
WWAN (optional)	<i>One of the following, configurable by model:</i> • Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card • Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)								
SIM card	Nano-SIM, optional Lenovo Connect (WE) SIM card								
Dimensions	<i>Tablet only:</i> 11.48" x 8.25" x 0.34"; 291.5mm x 209.5mm x 8.75mm								
Weight	<i>Tablet only:</i> from 1.69 lb, 767g;								
	<i>Tablet+keyboard:</i> from 2.35 lb, 1.07kg (767g+300g);								
	<i>Tablet+keyboard+Productivity:</i> from 2.89 lb, 1.31kg (767g+300g+245g);								
	<i>Tablet+Productivity:</i> from 2.23 lb, 1.01kg (767g+245g);								
	<i>Tablet+Presenter:</i> from 2.15 lb, 0.98kg (767g+210g);								
	<i>Tablet+3D Imaging:</i> from 2.06 lb, 0.94kg (767g+168g)								
Case color	Black								
Case material	Magnesium + PPS Hybrid injection								
Smart Card Read	<i>Optional:</i> NFC-compatible smart card reader via NFC								
Media reader	One microSD card slot (micro SD/SDXC/SDHC), supports up to 64GB								

Ports	One standard USB 3.0, one USB Type-C, one Mini DisplayPort, headphone/microphone combo jack, one Pogo keyboard connector, one cartrige connector for optional modules, one nano-SIM slot
Control buttons	Power button, volume control button, reset switch
WiGig dock	<i>Optional:</i> WiGig dock, mutually exclusive with IR camera
Monitor Cable	<i>mDP-HDMI:</i> Lenovo Mini DisplayPort to HDMI Monitor Cable
(optional)	<i>mDP-VGA:</i> Lenovo Mini DisplayPort to VGA Monitor Cable
Adapter (optional)	<i>USB-RJ45:</i> USB 3.0 to RJ45 adapter
	<i>USB-C-VGA:</i> USB-C to VGA plus power adapter
	<i>USB-C-HDMI:</i> USB-C to HDMI plus power adapter
Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus, flash LED
Optional Cameras	<i>IR camera:</i> infra-red (IR) camera, mutually exclusive WiGig and NFC
Video capture	1080p video capture
Audio support	Realtek® ALC3268 codec / stereo speakers, 0.5 watt 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
Keyboard color	Black, red, and silver
Security	Kensington lock slot
Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset
vPro (optional)	Intel vPro Technology
Fingerprint reader	<i>Optional:</i> Touch style Fingerprint reader
NFC	<i>Optional:</i> Near Field Communication, mutually exclusive IR camera
Module	<i>One of the following, configurable by model</i> • Dummy base cartridge • Productivity module, USB3.0 x 1, HDMI, OneLink+, 5 hrs battery (24Whr) • Presenter module, Pico projector, HDMI and 10Whr battery for presenter • 3D imaging module, USB3.0 x 1, RealSense 3D camera and HDMI
Battery - type	Lithium polymer, 37Whr
Battery - life	up to 10 hr (local video playback)
AC adapter	45-watt USB Type-C 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 • Lenovo Solution Center • Lenovo Companion • Lenovo Settings • Microsoft® Office preloaded; purchase a product key to activate
Limited warranty	1-year - depot repair service/ service upgrades available 3-year - depot repair service/ service upgrades available
Mil-Spec test	MIL-STD-810G military certification
Environment	EPEAT™ Gold, RoHS, GREENGUARD, Low Halogen

Model	20GG0054US
Product	ThinkPad X1 Tablet
Region	US
Machine Type	20GG
TopSeller	TopSeller
Processor	Core m7-6Y75 (2C, 1.2 / 3.1GHz, 4MB)
vPro	vPro
Graphics	Integrated Intel HD Graphics 515
Memory	8GB Soldered
Display	12" FHD+ (2160x1440) IPS
Multi-touch	10-point Multi-touch
Storage	512GB SSD M.2
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	Sierra EM7455
SIM Card	None
Dock	None
Monitor Cable	None
Camera	Front 2.0MP / Rear 8.0MP
Keyboard Docking	Black Pogo Keyboard
Pen	ThinkPad Pen Pro
Fingerprint Reader	Fingerprint Reader
NFC	None
Module	None
Battery	2-cell (37Wh)
Power Adapter	45W
Operating System	Windows 10 Pro 64
Warranty	3-year, Depot
Global	No
Ann Date (mm/yy)	10/16







