

ThinkPad X1 Tablet Platform Specifications										Product Specifications Reference (PSREF)	
Processor		6th Generation Intel® Core™ M Processor								Ports	
		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 Memory		Intel SoC (System on Chip) platform <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 Capacitive touch panel, supports ten-finger gesture <i>Optional:</i> ThinkPad Pen Pro, active pen for multi-touch display Opening angle up to 90 degrees									
Multi-touch											
Pen											
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 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
Bluetooth™											
WWAN		<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									
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									
		Control buttons WiGig dock Monitor Cable <i>(optional)</i> Adapter <i>(optional)</i>									
		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 Power button, volume control button, reset switch <i>Optional:</i> WiGig dock, mutually exclusive with IR camera <i>mDP-HDMI:</i> Lenovo Mini DisplayPort to HDMI Monitor Cable <i>mDP-VGA:</i> Lenovo Mini DisplayPort to VGA Monitor Cable <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 <i>IR camera:</i> infra-red (IR) camera, mutually exclusive WiGig and NFC									
		Optional Cameras Video capture Audio support Realtek® ALC3268 codec / stereo speakers, 0.5 watt x 2 / three microphones, combo audio/microphone jack									
		Pogo Keyboard Keyboard color Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch Black, red, and silver									
		Security Security chip vPro <i>(optional)</i> Fingerprint reader NFC Kensington lock slot Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset Intel vPro Technology <i>Optional:</i> Touch style Fingerprint reader <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 Battery - life AC adapter Lithium polymer, 37Whr up to 10 hr (local video playback) 45-watt USB Type-C adapter									
		Light sensor G-sensor Compass Gyroscope GPS Ambient Light Sensor 3D accelerometer 3D compass 3D gyrometer 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									