

ThinkPad X1 Tablet Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ M Processor	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																																							
	<table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Clock Speed</th> <th>Burst Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> <th>vPro</th> </tr> </thead> <tbody> <tr> <td>m3-6Y30</td> <td>2</td> <td>4</td> <td>0.90 GHz</td> <td>2.20 GHz</td> <td>4MB</td> <td rowspan="4">LPDDR3-1866</td> <td rowspan="4">Intel HD Graphics 515</td> <td>No</td> </tr> <tr> <td>m5-6Y54</td> <td>2</td> <td>4</td> <td>1.10 GHz</td> <td>2.70 GHz</td> <td>4MB</td> <td>No</td> </tr> <tr> <td>m5-6Y57</td> <td>2</td> <td>4</td> <td>1.10 GHz</td> <td>2.80 GHz</td> <td>4MB</td> <td>Yes</td> </tr> <tr> <td>m7-6Y75</td> <td>2</td> <td>4</td> <td>1.20 GHz</td> <td>2.30 GHz</td> <td>4MB</td> <td>Yes</td> </tr> </tbody> </table>	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	2.30 GHz	4MB	Yes	Control buttons WiGig dock Monitor Cable (optional) Adapter (optional)	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
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Graphics	Intel HD Graphics 515 in processor, supports 1080p video out via Mini DisplayPort connector	Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus, flash LED																																							
Chipset	Intel SoC (System on Chip) platform	Video capture	1080p video capture																																							
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	Audio support	Realtek® ALC3268 codec / stereo speakers, 0.5 watt x 2 / three microphones, combo audio/microphone jack																																							
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	Pogo Keyboard	Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch																																							
Multi-touch	Capacitive touch panel, supports ten-finger gesture	Keyboard color	Black, red, and silver																																							
Pen	<i>Optional:</i> ThinkPad Pen Pro, active pen for multi-touch display	Security	Kensington lock slot																																							
Kick stand	Opening angle up to 90 degrees	Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset																																							
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	vPro (optional)	Intel vPro Technology																																							
Optical	None	Fingerprint reader	<i>Optional:</i> Touch style Fingerprint reader																																							
Storage extension	One microSD card slot, supports up to 64GB	NFC	None																																							
Ethernet	None	Module	<i>One of the following, configurable by model</i> <ul style="list-style-type: none"> 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 																																							
WLAN	<i>One of the following, configurable by model (WiGig is mutually exclusive with IR camera):</i> <ul style="list-style-type: none"> 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 	Battery - type	Lithium polymer, 37Whr																																							
Bluetooth™	Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter	Battery - life	up to 10 hr (local video playback)																																							
WWAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card 	AC adapter	45-watt USB Type-C adapter																																							
SIM card	Nano-SIM, optional Lenovo Connect (WE) SIM card	Light sensor	Ambient Light Sensor																																							
Dimensions	<i>Tablet only:</i> 11.48" x 8.25" x 0.34"; 291.5mm x 209.5mm x 8.75mm	G-sensor	3D accelerometer																																							
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)	Compass	3D compass																																							
Case color	Black	Gyroscope	3D gyrometer																																							
Case material	Magnesium + PPS Hybrid injection	GPS	GPS function is integrated into WWAN module																																							
Smart Card Read	None	Preload	<i>Some:</i> Windows 10 Pro 64 <i>Some:</i> Windows 10 Home 64 <ul style="list-style-type: none"> Lenovo Solution Center Lenovo Companion Lenovo Settings Microsoft® Office preloaded; purchase a product key to activate 																																							
Media reader	One microSD card slot (micro SD/SDXC/SDHC), supports up to 64GB	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																																							