

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
	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									Control buttons WiGig dock Adapter (optional)	Power button, volume control button, reset switch Optional: WiGig dock, mutually exclusive with IR camera mDP-HDMI: Lenovo Mini DisplayPort to HDMI Monitor Cable mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable USB-RJ45: USB 3.0 to RJ45 adapter USB-C-VGA: USB-C to VGA plus power adapter USB-C-HDMI: USB-C to HDMI plus power adapter
Chipset	Intel SoC (System on Chip) platform										
Memory	Some: 4GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard Some: 8GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard Some: 16GB / 1866MHz LPDDR3, mobile DDR / soldered to systemboard All: 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	Optional: ThinkPad Pen Pro, active pen for multi-touch display									Camera	Front camera: 2.0-megapixel, fixed focus Rear camera: 8.0-megapixel, auto focus, flash LED 3D camera: RealSense R200 3D camera on 3D Imaging module IR camera: infra-red (IR) camera, mutually exclusive WiGig and NFC
Kick stand	Opening angle up to 90 degrees										
Storage	Some: M.2 SSD / SATA 6.0Gb/s Some: 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									Video capture Audio support	1080p video capture Realtek® ALC3268 codec / stereo speakers, 0.5 watt x 2 / three microphones, combo audio/microphone jack
WLAN	One of the following, configurable by model (WiGig is mutually exclusive with IR camera): 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	One of the following, configurable by model: 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	Tablet only: 11.48" x 8.25" x 0.34"; 291.5mm x 209.5mm x 8.75mm									Pogo Keyboard	Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch
Weight	Tablet only: from 1.69 lb, 767g; Tablet+keyboard: from 2.35 lb, 1.07kg (767g+300g); Tablet+keyboard+Productivity: from 2.89 lb, 1.31kg (767g+300g+245g); Tablet+Productivity: from 2.23 lb, 1.01kg (767g+245g); Tablet+Presenter: from 2.15 lb, 0.98kg (767g+210g); Tablet+3D Imaging: from 2.06 lb, 0.94kg (767g+168g)										
Case color	Black										
Case material	Magnesium + PPS Hybrid injection										
Smart Card Read	Optional: NFC-compatible smart card reader via NFC										
Media reader	One microSD card slot (micro SD/SDXC/SDHC), supports up to 64GB									Keyboard color	Black, red, and silver
										Security Security chip vPro (optional) Fingerprint reader NFC	Kensington lock slot TPM: TPM2.0 and TPM1.2 Intel vPro Technology Optional: Touch style Fingerprint reader Optional: Near Field Communication, mutually exclusive IR camera
										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
										Modules	base: Dummy base cartridge Pro: Productivity module,USB3.0 x 1, HDMI, OneLink+, 5 hrs battery (24Whr) Pico: Presenter module, Pico projector, HDMI and 10Whr battery for presenter 3D: 3D Imaging module, USB3.0 x 1, RealSense 3D camera and HDMI
										Preload	Some: Windows 10 Pro 64 Some: 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	20GG000E++
Product	X1 Tablet
Region	WE
Machine Type	20GG
TopSeller	TopSeller
Processor	m5-6Y54 (2C, 1.1 / 2.7GHz, 4MB, 1866MHz)
vPro	No
WLAN &Bluetooth	Intel 8260 ac + BT4.1
Graphics	Intel HD Graphics 515
Memory (soldered)	8GB
Display	12" FHD+ (2160x1440) IPS
Multi-touch	10-point multi-touch
Pen	ThinkPad Pen Pro
Storage	256GB SSD Opal2
Optical	None
WWAN	EM7455
SIM Card	None
WiGig	None
Adapter	None
Camera (Front/Rear)	2.0/8.0 MP
Keyboard	Black Pogo Keyboard
Fingerprint Reader	Fingerprint Reader
NFC	NFC
Battery Cells	2-cell (37Wh)
Power Adapter (watt)	45W
Preload	Windows 10 Pro 64
Base Warranty	3-year depot
Global	No
Ann Date (mm/yy)	03/16







