

ThinkPad X1 Tablet (2nd Gen) 20JCA00F++

Region	Pen	
EMEA	ThinkPad Pen Pro	
Machine Type	Fingerprint Reader	
20JC	Fingerprint Reader	
TopSeller	NFC	
No	None	
Processor	Module	
Core i5-7Y54 (2C, 1.2 / 3.2GHz, 4MB)	None	
vPro	Battery	
No	2-cell (37Wh)	
Graphics	Power Adapter	
Integrated Intel HD Graphics 615	45W	
Memory	Operating System	
8GB Soldered	Windows 10 Pro 64	
Display	Warranty	
12" FHD+ (2160x1440) IPS	3-year, Depot	
Multi-touch	Global	
10-point Multi-touch	No	
Storage	End of Support	
256GB SSD M.2 PCIe NVMe Opal2	Apr 4, 2022	
Optical	Ann Date (mm/yy)	
None	04/17	
WLAN + Bluetooth	Note: Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries	
Intel 8265 ac, 2x2 + BT4.1		
WWAN		
None		
SIM Card		
None		
Dock		
None		
Monitor Cable		
None		
Camera		
Front 2.0MP / Rear 8.0MP		
Keyboard Docking		
Black Pogo Keyboard		



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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 Memory	Intel SoC (System on Chip) platform 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 Pen Kick stand	Capacitive touch panel, supports ten-finger gesture Optional: ThinkPad Pen Pro, active pen for multi-touch display 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 cartridge 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: <ul style="list-style-type: none">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) 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 <ul style="list-style-type: none">Lenovo ConnectLenovo CompanionLenovo SettingMicrosoft® Office preloaded; purchase a product key to activate															
Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none">1-year depot repair service3-year/1-yr battery depot repair service3-year/1-yr battery limited onsite service															
Mil-Spec test	MIL-STD-810G military certification															
Environment	EPEAT™ Gold, GREENGUARD, Low Halogen, RoHS															

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