ThinkPad X1 Tablet Platform Specifications

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
- *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-figerprint 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

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

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 *(optional)* — *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
- 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 — *Tablet only:* 11.48" x 8.25" x 0.34"; 291.5mm x 209.5mm x 8.75mm

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 Imgaging:* 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

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 — *Optional:* WiGig dock, mutually exclusive with IR camera

Monitor Cable *(optional)* — *mDP-HDMI:* Lenovo Mini DisplayPort to HDMI Monitor Cable; *mDP-VGA:* Lenovo Mini DisplayPort to VGA Monitor Cable

Adapter *(optional)* — *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

Camera — *Front camera:* 2.0-megapixel, fixed focus; *Rear camera:* 8.0-megapixel, auto focus, flash LED

Optional Cameras — *IR camera:* 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 — *Optional:* Touch style Fingerprint reader

NFC — *Optional:* Near Field Communication, mutually exclusive IR camera

Module — *One of the following, configurable by model*
- 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 — *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	20GG003Y++
Product	ThinkPad X1 Tablet
Region	EMEA
Machine Type	20GG
TopSeller	TopSeller
Processor	Core m5-6Y54 (2C, 1.1 / 2.7GHz, 4MB)
vPro	No
Graphics	Integrated Intel HD Graphics 515
Memory	8GB Soldered
Display	12" FHD+ (2160x1440) IPS
Multi-touch	10-point Multi-touch
Storage	256GB SSD M.2 SATA3 Opal2
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	Sierra EM7455
SIM Card	Lenovo Connect
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






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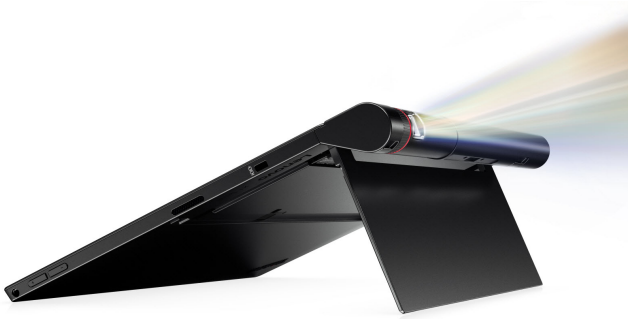










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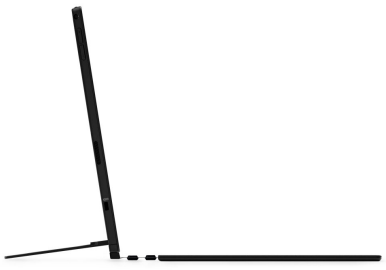






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