ThinkPad X1 Tablet (2nd Gen) Platform Specifications

Processor

7th Generation Intel® Core™ Processor

Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory Types	Processor Graphics	vPro
m3-7Y30	2	4	1.0 GHz	2.6 GHz	4MB	LPDDR3-1866	Intel HD Graphics 615	No
i5-7Y54	2	4	1.2 GHz	3.2 GHz	4MB			No
i5-7Y57	2	4	1.2 GHz	3.3 GHz	4MB			Yes
i7-7Y75	2	4	1.3 GHz	3.6 GHz	4MB			Yes

Graphics
Intel HD Graphics 615 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), glossy, 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 *(soldered)*
Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2, 802.11ac + BT4.1
**Intel Wi-Fi card supports Bluetooth 4.2 but is limited to BT 4.1 by Windows OS*

WiGig *(soldered)*
Intel Wireless Gigabit W11000, WiGig 802.11ad

Bluetooth™
Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo chip

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 8.45mm

Weight
Tablet only: from 1.69 lb, 767g;
Tablet+keyboard: from 2.35 lb, 1.07kg (767g+300g);

Case color
Black

Case material
Mg + PCGF Hybrid

Smart Card Read
None

Media reader
One microSD card slot (micro SD/SDXC/SDHC), supports up to 64GB

Ports
One standard 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 cartrige connector for optional modules, one nano-SIM slot

Control buttons
Power button, volume control button, reset switch

WiGig dock
Optional: ThinkPad WiGig dock

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

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 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
- Productivity module, USB3.0 x 1, HDMI, OneLink+, 5 hrs battery (24Whr)
- Presenter module, Pico projector, HDMI and 10Whr battery for presenter

Battery - type
Lithium polymer, 2 cell, 37Whr

Battery - life
up to 10 hr (local video playback)

AC adapter
Some: 45-watt USB Type-C adapter
Some: 65-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 Connect
- Lenovo Companion
- Lenovo Setting
- 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	20JB001C++
Product	ThinkPad X1 Tablet (2nd Gen)
Region	EMEA
Machine Type	20JB
TopSeller	TopSeller
Processor	Core i7-7Y75 (2C, 1.3 / 3.6GHz, 4MB)
vPro	vPro
Graphics	Integrated Intel HD Graphics 615
Memory	16GB Soldered
Display	12" FHD+ (2160x1440) IPS
Multi-touch	10-point Multi-touch
Storage	512GB SSD M.2 PCIe NVMe Opal2
Optical	None
WLAN + Bluetooth	Intel 8265 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)	03/17













































