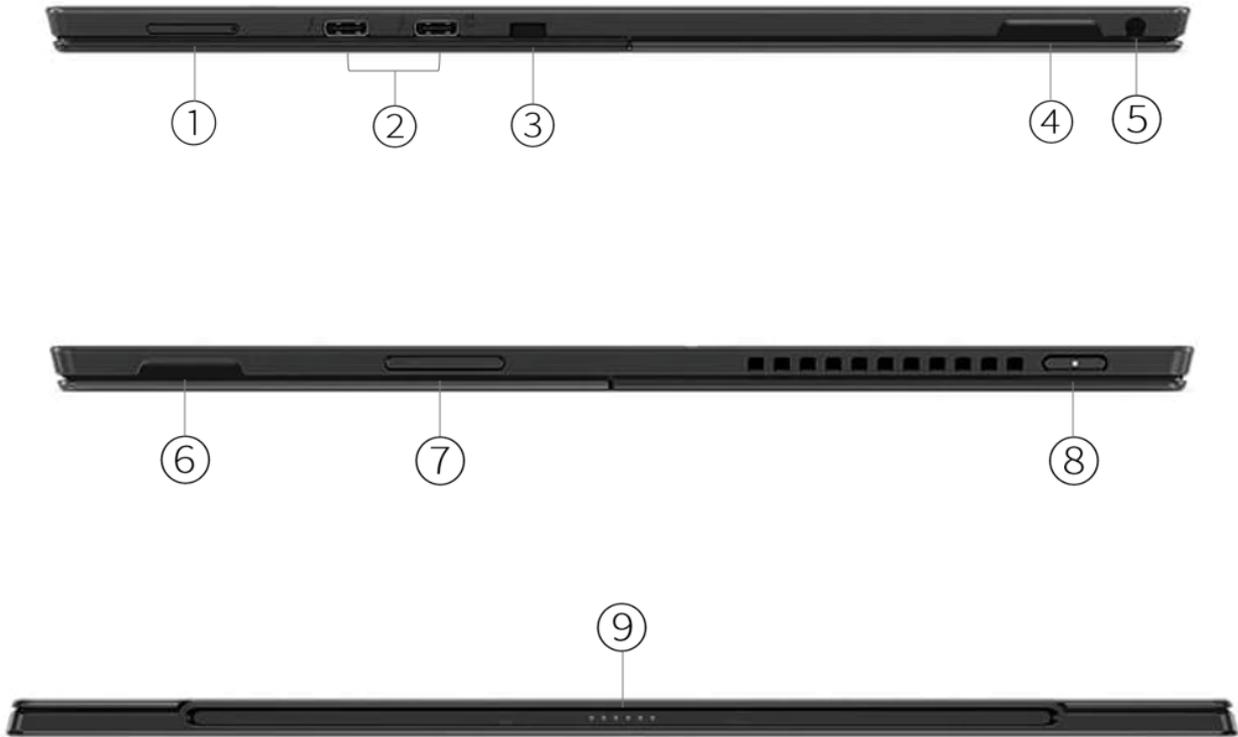


**OVERVIEW**



1. Nano-SIM card and microSD card slot	6. Pen holder slot
2. USB-C 3.2 Gen 1 / Thunderbolt 3	7. Volume button
3. Mini security-lock slot	8. Power button
4. Pen holder slot	9. Pogo pin connector (6-point)
5. Headphone / microphone combo jack (3.5mm)	

Notes:

- Rest hole in behind (not shown on the sample product above)

## PERFORMANCE

### Processor

#### Processor Family

8th Generation Intel® Core™ i5 / i7 Processor

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i5-8350U	4	8	1.7GHz	3.6GHz	6MB	Intel UHD Graphics 620
Core i7-8650U	4	8	1.9GHz	4.2GHz	8MB	Intel UHD Graphics 620
Core i7-8550U	4	8	1.8GHz	4.0GHz	8MB	Intel UHD Graphics 620
Core i5-8250U	4	8	1.6GHz	3.4GHz	6MB	Intel UHD Graphics 620

### Operating System

#### Operating System\*\*

- Windows® 10 Home 64
- Windows 10 Home 64 Single Language
- Windows 10 IoT Enterprise
- Windows 10 Pro 64
- No operating system

### Graphics

#### Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics 620	Integrated	Shared	DirectX® 12

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Max Memory

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

#### Memory Type

LPDDR3-2133

### Storage

#### Storage Support

One drive, up to 1TB M.2 2280 SSD

#### Storage Type\*\*

Disk Type	Interface	Offering	Security
M.2 2280 SSD	SATA 6Gb/s	256GB	Opal2
M.2 2280 SSD	SATA 6Gb/s	128GB	
M.2 2280 SSD	PCIe® NVMe®, PCIe 3.0 x4	256GB / 512GB / 1TB	Opal2

### Removable Storage

#### Card Reader\*\*

- microSD card slot (WLAN models)
- Nano-SIM + microSD card slot (WWAN models)

### Multi-Media

#### Speakers

# ThinkPad X1 Tablet (3rd Gen)

Stereo speakers, 1W x2

## Microphone

Dual-microphone array

## Camera<sup>\*\*[1]</sup>

- Front 2.0MP, fixed focus, rear 8.0MP, autofocus
- Front 2.0MP + IR hybrid, fixed focus; rear 8.0MP, autofocus<sup>[2]</sup>
- No camera

Notes:

[1], [2] IR camera is mutually exclusive with NFC.

## Sensor

### Vibration Motor

No support

### Sensors

- Accelerometer (G) sensor
- Ambient light sensor (ALS)
- Gyroscope sensor

## Battery

### Battery

Integrated Li-Polymer 42Wh battery

### Max Battery Life<sup>[1]</sup>

MobileMark<sup>®</sup> 2014: 9.5 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary depending on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

## Power Adapter

### Power Adapter<sup>\*\*</sup>

- 45W USB-C<sup>®</sup> (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 45W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

## DESIGN

## Display

### Display<sup>[1][2]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Viewing Angle (L/R/U/D)	Key Features
13.0"	QHD+ (3000x2000)	Multi-touch	IPS	400 nits	Anti-reflection, Anti-smudge	3:2	1200:1	160°	Corning <sup>®</sup> Gorilla <sup>®</sup> Glass

### Touchscreen

Capacitive-type multi-touch, supports 10-point touch

Notes:

[1] California Electronic Waste Recycling Fee

In California USA, per state law, Lenovo<sup>®</sup> charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, please go to <https://www.calrecycle.ca.gov/Electronics/Consumer>.

[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

# ThinkPad X1 Tablet (3rd Gen)

## Input Device

### Pen\*\*<sup>[1]</sup>

- Lenovo Pen Pro with built-in rechargeable battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Pen Pro Overview](#).
- ThinkPad® Pen Pro with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity, on-board garaged (using pen holder). Learn more about [ThinkPad Pen Pro Overview](#).
- No pen (pen sold separately)

### Notes:

<sup>[1]</sup> ThinkPad Pen Pro: might not be installed with an AAAA alkaline battery.

## Mechanical

### Dimensions (WxDxH)\*\*<sup>[1]</sup>

Models	Dimensions
Tablet with folio keyboard	304.1 x 226 x 14.4 mm (11.97 x 8.9 x 0.57 inches)
Tablet	304.1 x 226 x 8.9 mm (11.97 x 8.9 x 0.35 inches)

### Weight\*\*<sup>[2]</sup>

Models	Weight
Tablet with folio keyboard	Tablet: 0.89 kg (1.96 lbs) Tablet with folio keyboard: 1.27 kg (2.8 lbs)
Tablet	0.89 kg (1.96 lbs)

### Case Color

Black

### Case Material

Magnesium-aluminium

### Others

Kensington® Security Slot™

### Buttons

- Power button
- Volume button

### Notes:

<sup>[1]</sup> The system dimensions may vary depending on configurations.

<sup>[2]</sup> The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

## CONNECTIVITY

### Network

#### WLAN + Bluetooth®

Intel Dual-Band Wireless-AC 8265, 802.11ac Dual-Band 2x2 Wi-Fi® + Bluetooth 4.2

#### WWAN\*\*

- Integrated Mobile Broadband 4G LTE-A, Sierra Wireless EM7430
- Integrated Mobile Broadband 4G LTE-A, Sierra Wireless EM7455
- No support

#### SIM Card

- Nano-SIM Card, Verizon LTE (US)
- No SIM card inbox

#### NFC<sup>[1]</sup>

- Near Field Communication
- No support

**Location Services\*\***

Models	Location
WLAN models	No location service
WWAN model	GPS function integrated in WWAN module

Notes:

[1] NFC is mutually exclusive with IR camera.

**Ports<sup>[1]</sup>****Standard Ports**

- 2x USB-C 3.2 Gen 1 / Thunderbolt™ 3 (support data transfer, Power Delivery, and DisplayPort™)
- 1x Nano-SIM + microSD card slot
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Pen holder slot
- 1x Pogo pin connector (6-point)

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

USB 2.0: 480 Mbit/s;

USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;

USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;

USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt 3/4: 40 Gbit/s.

**Docking****Docking\*\*\***

- Thin Keyboard (magnetic detachable)
- ThinkPad USB-C Dock Gen 2
- No dock

**Monitor Cable****Monitor Cable\*\*\***

- Lenovo USB-C to VGA Adapter
- Lenovo USB-C to HDMI® Adapter
- No monitor cable

**SECURITY & PRIVACY****Security****Security Chip**

Discrete TPM 2.0, TCG certified

**Fingerprint Reader**

Touch style fingerprint reader on display cover

**MANAGEABILITY****System Management****System Management**

- Intel vPro®
- None

**SERVICE**

## Warranty

### Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year + 2-year limited onsite service
- 1-year + 2-year Courier or Carry-in service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service

## ENVIRONMENTAL

### Operating Environment

#### Temperature

- Maximum temperature when operating under unpressurized conditions: 31.3°C (88°F)
- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: 5°C (41°F) to 43°C (109°F)

#### Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

#### Altitude

Maximum altitude (without pressurization): 5000 m (16,404 ft)

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories\*\*\*

- Lenovo USB-C to Ethernet Adapter
- Lenovo USB-C to USB-A Adapter
- Lenovo USB-C Travel Hub
- None

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications

- EPEAT™ Gold Registered<sup>[2]</sup>
- GREENGUARD®
- Low Halogen
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

[2] EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

### Other Certifications

#### Mil-Spec Test

MIL-STD-810G military test passed

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
- Feature with \*\*\* means that one or more offerings listed under the feature could be configured on selected models.

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