

# ThinkPad X1 Tablet (3rd Gen) 20KJ001NGE

**Product**

ThinkPad X1 Tablet (3rd Gen)

**Region**

WE

**Country/Region**

Germany

**Machine Type**

20KJ

**TopSeller**

TopSeller

**Processor**

Intel Core i5-8250U (4C / 8T, 1.6 / 3.4GHz, 6MB)

**Graphics**

Integrated Intel UHD Graphics 620

**Chipset**

Intel SoC Platform

**Memory**

8GB Soldered LPDDR3-2133

**Display**

13" QHD+ (3000x2000) WVA 400nits AR (anti-reflection)

**Touchscreen**

10-point Multi-touch

**Storage**

256GB SSD M.2 2280 PCIe NVMe Opal2

**WLAN + Bluetooth**

Intel 8265 11ac, 2x2 + BT4.2

**WWAN**

Sierra Wireless EM7455

**Card Slot**

Single Nano-SIM & MicroSD Card Holder Tray

**Monitor Cable**

None

**Bundled Accessories**

None

**Color**

Black

**Case Material**

Magnesium / Aluminium

**Microphone**

2x, Array

**Camera**

IR + 2.0MP + Rear-facing 8.0MP

**Docking**

Thin Keyboard (Magnetic, Detachable)

**Keyboard**

Backlit, German

**Pen**

ThinkPad Pen Pro

**Fingerprint Reader**

Touch Style

**NFC**

None

**TPM**

Discrete TPM 2.0

**Battery**

Integrated 42Wh

**Power Adapter**

65W USB-C

**System Management**

None

**Operating System**

Windows 10 Pro 64, German

**Bundled Software**

None

**Base Warranty**

3-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

0192330984621

**End of Support**

2024-10-27

**Announce Date**

2018-03-27

**Recommended Services****Best**

5Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36119)

**Better**

4Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36132)

**Good**

3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36160)

**Notes:**

**Battery life** is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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# ThinkPad X1 Tablet (3<sup>rd</sup> Gen) Platform Specifications

Product Specifications Reference (PSREF)



|                   |   |            |              |                |                     |       |              |                        |                                    |  |
|-------------------|---|------------|--------------|----------------|---------------------|-------|--------------|------------------------|------------------------------------|--|
| Processor         | 8th Generation Intel® Core™ i5 / i7 Processor   |            |              |                |                     |       |              |                        | Control buttons<br>Dock (Optional) | Power button, volume control button, reset switch<br>• Thin Keyboard (Magnetic Detachable)<br>• USB-C Dock Gen 2   |
|                   | Processor Number  | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics     |                                    |  |
|                   | i5-8250U  | 4          | 8            | 1.6 GHz        | 3.4 GHz             | 6MB   | LPDDR3-2133  | Intel UHD Graphics 620 |                                    |  |
|                   | i5-8350U  |            |              | 1.7 GHz        | 3.6 GHz             | 6MB   |              |                        |                                    |  |
|                   | i7-8550U  |            |              | 1.8 GHz        | 4.0 GHz             | 8MB   |              |                        |                                    |  |
| i7-8650U          | 1.9 GHz   |            |              | 4.2 GHz        | 8MB                 |       |              |                        |                                    |  |
| Graphics          | Intel UHD Graphics 620 in processor, supports external digital monitor via USB Type-C   |            |              |                |                     |       |              |                        | Monitor cable (optional)           | USB-C to VGA: Lenovo USB C to VGA Plus Power Adapter<br>USB-C to HDMI: Lenovo USB-C to HDMI Plus Power Adapter   |
| Chipset           | Intel SoC (System on Chip) platform   |            |              |                |                     |       |              |                        | Camera                             | Front camera: 2.0-megapixel, fixed focus<br>Rear camera: 8.0-megapixel, auto focus<br>Optional: IR camera, fixed focus (mutually exclusive with NFC)   |
| Memory            | 8GB or 16GB / 2133MHz LPDDR3, soldered to systemboard, no sockets<br>* Configured memory speed is set to 1866MHz  |            |              |                |                     |       |              |                        | Audio support                      | Realtek® ALC3278 codec / stereo speakers, 1W x 2 /, dual array microphones, 3.5mm (0.14inch) combo audio / microphone jack (CTIA)  |
| Display           | 13.0" (330mm) QHD+ (3000x2000), LED backlight, WVA, AR (anti-reflection), anti-fingerprint display with Corning® Gorilla® Glass, WideView (160° viewing), 400 nits, 3:2 aspect ratio, 1200:1 contrast ratio   |            |              |                |                     |       |              |                        | Pogo keyboard                      | Magnetic attached thin keyboard, with TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch, backlit  |
| Multi-touch       | Capacitive touch panel, supports ten-finger gesture   |            |              |                |                     |       |              |                        | Keyboard color                     | Black  |
| Pen (optional)    | Lenovo Pen Pro or Lenovo Active Pen (ThinkPad Pen Pro)  |            |              |                |                     |       |              |                        | Security                           | Kensington lock slot   |
| Kick stand        | Opening angle up to 170 degrees   |            |              |                |                     |       |              |                        | Security chip                      | Discrete TPM 2.0 TCG Certified   |
| Storage           | One of the following, configurable by model:<br>• M.2 2280 SSD / SATA 6.0Gb/s<br>• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s   |            |              |                |                     |       |              |                        | System Mgt (opt)                   | Intel vPro Technology  |
| Optical           | None  |            |              |                |                     |       |              |                        | Fingerprint reader                 | Touch style Fingerprint reader   |
| Storage extension | One microSD card reader, in the combo slot with nano-SIM card, support UHS-I, microSDHC, microSDXC  |            |              |                |                     |       |              |                        | NFC (optional)                     | Near Field Communication (mutually exclusive with IR camera)   |
| Ethernet          | None  |            |              |                |                     |       |              |                        | Battery                            | Integrated Li-Ion 42Wh battery   |
| WLAN              | Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.2  |            |              |                |                     |       |              |                        | Max battery life                   | MobileMark® 2014: 9.5 hrs<br>* Battery life varies significantly with hardware configurations, settings, usage, & other factors  |
| Bluetooth™        | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter   |            |              |                |                     |       |              |                        | AC adapter                         | 45W or 65W USB Type-C AC adapter   |
| WWAN (optional)   | Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)   |            |              |                |                     |       |              |                        | Light sensor                       | Ambient Light Sensor   |
| SIM card (opt)    | Nano-SIM card slot, in the combo slot with microSD card reader  |            |              |                |                     |       |              |                        | G-sensor                           | 3D accelerometer   |
| Dimensions        | Tablet only: 11.97" x 8.9" x 0.35"; 304.1mm x 226mm x 8.9mm<br>Tablet + keyboard: 11.97" x 8.9" x 0.57"; 304.1mm x 226mm x 14.4mm   |            |              |                |                     |       |              |                        | Gyroscope                          | 3D gyrometer   |
| Weight            | Tablet only: starting at 1.96 lb / 0.89kg<br>Tablet+ keyboard: starting at 2.8 lb / 1.27kg  |            |              |                |                     |       |              |                        | GPS (optional)                     | GPS function is integrated into WWAN module  |
| Case color        | Black   |            |              |                |                     |       |              |                        | Preload                            | One of the following, configurable by model:<br>• Windows® 10 Pro 64<br>• Windows 10 Home 64   |
| Case material     | Magnesium/Aluminum  |            |              |                |                     |       |              |                        | Limited warranty                   | One of the following, configurable by model:<br>• 1-year depot repair service<br>• 1-year depot with 2-year system board service<br>• 3-year/1-yr battery depot repair service<br>• 3-year/1-yr battery limited onsite service |
| Ports             | Two USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one Pogo keyboard connector, one Pen holder slot, headphone / microphone combo jack, combo slot of nano-SIM card (WWAN models) and microSD card reader<br>* Depending on many factors, actual data transfer speed may be lower than theoretical speed |            |              |                |                     |       |              |                        | Mil-Spec test                      | MIL-STD-810G military testing  |
|                   |   |            |              |                |                     |       |              |                        | Environment                        | EPPEAT™ Silver, GREENGUARD, Low Halogen, RoHS  |

The specifications above may not be available in all regions and might change by region.

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