

# ThinkPad X1 Fold Gen 1 20RK000NUS

**Product**

ThinkPad X1 Fold Gen 1

**Region**

NA

**Country/Region**

USA

**Machine Type**

20RK

**TopSeller**

TopSeller

**Processor**

Intel Core i5-L16G7 (5C / 5T, 1.4 / 3.0GHz, 4MB)

**Graphics**

Integrated Intel UHD Graphics

**Chipset**

Intel SoC Platform

**Memory**

8GB Soldered LPDDR4X-4266

**Storage**

512GB SSD M.2 2242 PCIe NVMe

**Display**

13.3" QXGA (2048x1536) OLED 300nits, Foldable

**Touchscreen**

10-point Multi-touch

**Pen**

Lenovo Mod Pen

**Ethernet**

100/1000M via Optional Adapter

**Optical**

None

**WLAN + Bluetooth**

Intel AX200 11ax, 2x2 + BT5.1

**WWAN**

None

**SIM Card**

None

**Smart Card Reader**

None

**Monitor Cable**

None

**Case Material**

Magnesium Alloy + Authentic Leather

**Bundled Accessories**

None

**Microphone**

4x, Array

**Camera**

5.0MP + IR

**Color**

Black

**Keyboard**

Lenovo Fold Mini Keyboard, English

**Fingerprint Reader**

None

**NFC**

None

**TPM**

Discrete TPM 2.0

**Battery**

Integrated 50Wh

**Power Adapter**

65W USB-C Slim

**System Management**

None

**Operating System**

Windows 10 Pro 64, English

**Bundled Software**

None

**Base Warranty**

3-year, Depot

**Bundled Service**

3Y Premier Support with Depot/CCI upgrade from 3Y Depot/CCI (5WS1A40292)

**EAN / UPC / JAN**

195348468053

**End of Support**

2027-04-01

**Announce Date**

2020-09-01

**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.

**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to:

<https://www.calrecycle.ca.gov/Electronics/Consumer>

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# ThinkPad X1 Fold Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Core™ Processors with Intel Hybrid Technology										Smart card reader	None
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	None	Ports	Two USB-C 3.2 Gen 2 (with the function of Power Delivery and DisplayPort 1.2), micro-SIM card slot (WWAN models) * Depending on many factors, actual data transfer speed may be lower than theoretical speed
	i5-L16G7	5	5	1.4 GHz	3.0 GHz	4MB	LPDDR4X 4267 POP Memory	Intel UHD Graphics				
Graphics	Intel UHD Graphics in processor										Monitor cable	None
Chipset	Intel SoC (System on Chip) platform										Bundled Accy (optional)	<ul style="list-style-type: none"> <li>Lenovo USB-C to Ethernet Adapter</li> <li>Lenovo Powered USB-C Travel Hub</li> </ul>
Memory	8GB LPDDR4X-4266 / PoP (Package on Package) memory, soldered to systemboard with Processor, no sockets										Camera	IR & 5.0-megapixel, fixed focus
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Audio support	HD Audio, Realtek® ALC3306 codec / stereo speakers, 1W x 2, Dolby Atmos® / four array microphones
	13.3"	QXGA (2048x1536)	Folding OLED	Anti-fingerprint (AF) coating	Multi-touch	300 nits	4:3	5000:1	95% DCI-P3	170°	Sensors	<ul style="list-style-type: none"> <li>G-sensor</li> <li>Gyroscope sensor</li> <li>Proximity sensor (WWAN models only)</li> <li>GPS (integrated with WWAN)</li> </ul>
Multi-touch	Advanced On-cell Touch, supports 10-point touch										Keyboard (optional)	Lenovo Fold Mini Keyboard, Bluetooth pairing, with a pen loop (left side), magnetically attachable to X1 Fold (the side without camera), wireless charging when closed inside folded device or charging via micro USB cable, no LED backlight
Pen (optional)	<ul style="list-style-type: none"> <li>Lenovo Pen Pro</li> <li>Lenovo Mod Pen</li> </ul>										Touchpad (on optional keyboard)	Buttonless glass surface touchpad on Lenovo Fold Mini Keyboard, 2-finger scrolling support
Storage	One M.2 2242 SSD										Security chip	<ul style="list-style-type: none"> <li>Firmware TPM 2.0 integrated in chipset</li> <li>Discrete TPM 2.0 TCG Certified</li> </ul>
Optical	M.2 2242 SSD / PCIe NVMe 3.0 x 4										System Mgt	None
Ethernet	None										Fingerprint reader	None
WLAN + Bluetooth™ (opt)	Gigabit Ethernet connection via optional Lenovo USB-C to Ethernet Adapter										NFC	None
WWAN (optional)	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1 * Intel Wi-Fi 6 full features might be limited by country level restrictions * BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)										Battery	Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
SIM card	Foxconn® SDX55 5G T99W175-sub6 CAT20, M.2 card * For non-WWAN model, it means the model is NOT WWAN upgradable										Max battery life	<i>MobileMark® 2018:</i> 8.5 hr <i>Video Playback:</i> 10.6 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors
Dimensions	None										AC adapter	65W USB-C slim AC adapter
Weight	<i>WxDxH (folded):</i> 6.22" x 9.28" x 1.09"; 158mm x 235.6mm x 27.8mm <i>WxDxH (unfolded):</i> 11.77" x 9.28" x 0.44"; 299mm x 235.6mm x 11.3mm Starting at 0.999 kg/2.2 lbs										Operating system	<ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Pro 64</li> </ul>
Case color	Black										Limited warranty (optional)	<ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>3-year/1-yr battery depot repair service</li> <li>1-year depot with 2-year system board repair service (Korea only)</li> </ul>
Case material	Magnesium alloy + authentic leather										Mil-Spec test	MIL-STD-810H military testing
											Environment	EPEAT™ Gold; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant

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

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