

# ThinkPad X1 Fold Gen 1 20RL0011GE

**Product**

ThinkPad X1 Fold Gen 1

**Region**

WE

**Country/Region**

Germany

**Machine Type**

20RL

**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 3.0x4 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**

Qualcomm Snapdragon X55 5G Modem-RF System

**SIM Card**

None

**Smart Card Reader**

None

**Monitor Cable**

None

**Bundled Accessories**

None

**Microphone**

4x, Array

**Camera**

5.0MP + IR

**Case Material**

Magnesium Alloy + Authentic Leather

**Case Color**

Black

**Keyboard**

Lenovo Fold Mini Keyboard, German

**Fingerprint Reader**

None

**NFC**

None

**Security Chip**

Discrete TPM 2.0

**Battery**

Integrated 50Wh

**Power Adapter**

65W USB-C Slim

**System Management**

None

**Operating System**

Windows 10 Pro 64, German

**Bundled Software**

None

**Base Warranty**

3-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

0195477103221

**End of Support**

2027-04-01

**Announce Date**

2020-10-27

**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 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), nano-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 4266 POP Memory	Intel UHD Graphics				
Graphics	Intel UHD Graphics in processor; supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via USB-C (up to 3840x2160 @60Hz)										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 Pen (optional)	Advanced On-cell Touch, supports 10-point touch <ul style="list-style-type: none"> <li>Lenovo Pen Pro</li> <li>Lenovo Mod Pen</li> </ul>										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
Storage	One M.2 2242 SSD M.2 2242 SSD / PCIe NVMe 3.0 x 4										Touchpad (on optional keyboard)	Buttonless glass surface touchpad on Lenovo Fold Mini Keyboard, 2-finger scrolling support
Optical	None										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>
Ethernet	Gigabit Ethernet connection via optional Lenovo USB-C to Ethernet Adapter										System Mgt	None
WLAN + Bluetooth™ (opt)	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)										Fingerprint reader	None
WWAN (optional)	Qualcomm Snapdragon X55 5G Modem-RF System, M.2 card * For non-WWAN model, it means the model is NOT WWAN upgradable										NFC	None
SIM card (opt)	Gemalto eSIM										Battery	Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
Dimensions	WxDxH (folded): 6.22" x 9.28" x 1.09"; 158mm x 235.6mm x 27.8mm WxDxH (unfolded): 11.77" x 9.28" x 0.44"; 299mm x 235.6mm x 11.3mm										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
Weight	Starting at 0.999 kg/2.2 lbs										AC adapter	65W USB-C slim AC adapter
Case color	Black										Operating system	<ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Pro 64</li> </ul>
Case material	Magnesium alloy + authentic leather										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>
											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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December 2020

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