

# ThinkPad X1 Yoga (4th Gen) 20QF000KUS

**Product**

ThinkPad X1 Yoga (4th Gen)

**Region**

NA

**Country/Region**

USA

**Machine Type**

20QF

**TopSeller**

TopSeller

**Processor**

Intel Core i7-8665U (4C / 8T, 1.9 / 4.8GHz, 8MB)

**Graphics**

Integrated Intel UHD Graphics 620

**Chipset**

Intel SoC Platform

**Memory**

16GB Soldered LPDDR3-2133

**Display**

14" WQHD (2560x1440) IPS 280nits Glossy, AR/AS

**Multi-touch**

10-point Multi-touch

**Storage**

512GB SSD M.2 2280 PCIe NVMe Opal2

**Optical**

None

**WLAN + Bluetooth**

Intel 9560 11ac, 2x2 + BT5.0

**WWAN**

None

**Smart Card Reader**

None

**Monitor Cable**

None

**Bundled Accessories**

None

**Color**

Iron Grey

**Case Material**

Aluminum

**Camera**

720p

**Keyboard**

Backlit, English

**Pen**

ThinkPad Pen Pro (Garaged)

**Fingerprint Reader**

Touch Style, Match-on-Chip

**NFC**

None

**TPM**

Discrete TPM 2.0

**Battery**

Integrated 51Wh

**Power Adapter**

65W USB-C

**System Management**

Intel vPro

**Operating System**

Windows 10 Pro 64, English

**Bundled Software**

None

**Base Warranty**

3-year, Depot

**Bundled Service**

None

**End of Support**

2025-07-18

**Announce Date**

2019-06-18

**Recommended Services****Best**

3Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection + Sealed Battery) (5PS0N73216)

**Better**

3Y Lenovo Support (Premier Support + Keep Your Drive + Sealed Battery) (5PS0N73159)

**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.

**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 Yoga (4<sup>th</sup> Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor or 10th Generation Intel® Core™ i5 / i7 Processor (Not available in EMEA)										Dimensions	WxDxH (Privacy Guard): 12.71" x 8.58" x 0.63"; 323mm x 218mm x 15.95mm WxDxH (Other model): 12.71" x 8.58" x 0.61"; 323mm x 218mm x 15.5mm		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Privacy Guard model: starting at 3.24lb / 1.47kg Other model: starting at 2.99lb / 1.36kg				
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620	Case color	Iron Grey				
	i5-8365U			1.6 GHz	4.1 GHz	6MB			Case material	Display cover: Aluminium; Bottom: Magnesium				
	i7-8565U			1.8 GHz	4.6 GHz	8MB			Smart card reader Media reader Ports	None				
	i7-8665U			1.9 GHz	4.8 GHz	8MB				Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet extension connector, nano-SIM card slot (WWAN models), headphone / microphone combo jack, side docking connector, security keyhole				
	i5-10210U			1.6 GHz	4.2 GHz	6MB				* Depending on many factors, actual data transfer speed may be lower than theoretical speed				
	i7-10510U	1.8 GHz	4.9 GHz	8MB	Optional: Lenovo HDMI to VGA Monitor Adapter									
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB			Optional: ThinkPad Ethernet Extension Adapter Gen 2						
Graphics	Intel UHD Graphics 620 or Intel UHD Graphics in processor; supports external digital monitor via HDMI or USB Type-C™ / Thunderbolt; supports three independent displays; Max resolution: 5120x2880@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)										Monitor cable			
Chipset	Intel SoC (System on Chip) platform										Camera (optional)	One of the following, configurable by model:		
Memory	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets										Audio support	• HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus		
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	HD Audio, Realtek® ALC1012L codec, Stereo speakers, 2W x 2, 0.8W x 2, Dolby® Audio™ Atmos / 4 array 360-degree far-field microphones, headphone / microphone combo jack				
	14.0"	FHD (1920x1080) Low Power	IPS	Glossy	380 nits	16:9	800:1	72%	170°	Keyboard				
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Glossy	380 nits	16:9	1000:1	72%	170°	UltraNav™				
	14.0"	WQHD (2560x1440)	IPS	Glossy	280 nits	16:9	800:1	72%	170°	Security				
Multi-touch	14.0"	UHD (3840x2160) Dolby Vision™ HDR400	IPS	Glossy	470 nits	16:9	1400:1	90%	170°	Power-on password, supervisor password, system management password, hard disk password				
	Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture										Security chip	Discrete TPM 2.0 TCG Certified		
	Yoga hinge, 360 degree										System Mgt	Optional: Intel vPro Technology		
	Laptop, tent, stand, and tablet										Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest		
Hinge	ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable										NFC	Optional: Near Field Communication		
Convert-mode											Battery	Integrated Li-Ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter		
Pen											Max battery life	MobileMark® 2014: 18.1 hrs * Battery life varies significantly with settings, usage, & other factors		
Storage	One of the following, configurable by model:										AC adapter	45W USB Type-C, 65W USB Type-C or 65W Slim USB Type-C AC adapter		
	• M.2 2280 SSD / SATA 6.0Gb/s										G-sensor	3D accelerometer		
	• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4										Gyroscope	3D gyrometer		
	• Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4										GPS	GPS function is integrated into WWAN module		
Optical	None										Preload	One of the following, configurable by model:		
Ethernet	Native Intel Ethernet Connection I1219-LM (vPro) or I1219-V (Non-vPro) via bundled or optional ThinkPad Ethernet Extension Adapter Gen 2										• Windows® 10 Pro 64 • Windows 10 Home 64			
											Limited warranty	One of the following, configurable by model:		
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card										• 1-year depot repair service • 1-year depot with 2-year system board service • 3-year/1-yr battery depot repair service			
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										Mil-Spec test	MIL-STD-810G military testing		
WWAN (optional)	One of the following, configurable by model:										Environment	EPEAT™ Gold; ENERGY STAR® 7.1; RoHS-compliant		
SIM card (opt)	• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card													
	• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card													
	Nano-SIM card slot, optional Verizon LTE (US) SIM card													

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