

# 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)								<p>Dimensions <i>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</i></p> <p>Weight <i>Privacy Guard model: starting at 3.24lb / 1.47kg Other model: starting at 2.99lb / 1.36kg</i></p> <p>Case color Iron Grey</p> <p>Case material Display cover: Aluminium; Bottom: Magnesium</p> <p>Smart card reader None</p> <p>Media reader None</p> <p>Ports 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</p> <p>Monitor cable * Depending on many factors, actual data transfer speed may be lower than theoretical speed</p> <p>Bundled Accy <i>Optional: Lenovo HDMI to VGA Monitor Adapter Optional: ThinkPad Ethernet Extension Adapter Gen 2</i></p>								
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics									
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620									
	i5-8365U			1.6 GHz	4.1 GHz	6MB											
	i7-8565U			1.8 GHz	4.6 GHz	8MB											
	i7-8665U			1.9 GHz	4.8 GHz	8MB											
	i5-10210U	6	12	1.6 GHz	4.2 GHz	6MB											
	i7-10510U			1.8 GHz	4.9 GHz	8MB											
	i7-10710U			1.1 GHz	4.7 GHz	12MB											
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)								<p>Camera (optional) One of the following, configurable by model:</p> <ul style="list-style-type: none"> <li>• HD720p camera with ThinkShutter camera privacy, fixed focus</li> <li>• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus</li> </ul> <p>Audio support 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</p> <p>Keyboard UltraNav™ 6-row, spill-resistant, multimedia Fn keys, LED backlight</p> <p>TrackPoint® pointing device and buttonless Glass surface multi-touch touchpad</p> <p>Security Power-on password, supervisor password, system management password, hard disk password</p> <p>Security chip Discrete TPM 2.0 TCG Certified</p> <p>System Mgt <i>Optional: Intel vPro Technology</i></p> <p>Fingerprint reader Touch style match on chip fingerprint reader on the palm rest</p> <p>NFC <i>Optional: Near Field Communication</i></p> <p>Battery Integrated Li-Ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter</p> <p>MobileMark® 2014: 18.1 hrs</p> <p>Max battery life * Battery life varies significantly with settings, usage, &amp; other factors</p> <p>AC adapter 45W USB Type-C, 65W USB Type-C or 65W Slim USB Type-C AC adapter</p> <p>G-sensor 3D accelerometer</p> <p>Gyroscope 3D gyrometer</p> <p>GPS GPS function is integrated into WWAN module</p> <p>Preload One of the following, configurable by model: <ul style="list-style-type: none"> <li>• Windows® 10 Pro 64</li> <li>• Windows 10 Home 64</li> </ul> </p> <p>Limited warranty One of the following, configurable by model: <ul style="list-style-type: none"> <li>• 1-year depot repair service</li> <li>• 1-year depot with 2-year system board service</li> <li>• 3-year/1-yr battery depot repair service</li> </ul> </p> <p>Mil-Spec test MIL-STD-810G military testing</p> <p>Environment EPEAT™ Gold; ENERGY STAR® 7.1; RoHS-compliant</p>								
Chipset	Intel SoC (System on Chip) platform																
Memory	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets																
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle								
	14.0"	FHD (1920x1080) Low Power	IPS	Glossy	380 nits	16:9	800:1	72%	170°								
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Glossy	380 nits	16:9	1000:1	72%	170°								
	14.0"	WQHD (2560x1440)	IPS	Glossy	280 nits	16:9	800:1	72%	170°								
	14.0"	UHD (3840x2160) Dolby Vision™ HDR400	IPS	Glossy	470 nits	16:9	1400:1	90%	170°								
Multi-touch	Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture								<p>Hinge Yoga hinge, 360 degree</p> <p>Convert-mode Laptop, tent, stand, and tablet</p> <p>Pen ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable</p> <p>Storage One of the following, configurable by model: <ul style="list-style-type: none"> <li>• M.2 2280 SSD / SATA 6.0Gb/s</li> <li>• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> <li>• Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4</li> </ul> </p> <p>Optical None</p> <p>Ethernet Native Intel Ethernet Connection I1219-LM (vPro) or I1219-V (Non-vPro) via bundled or optional ThinkPad Ethernet Extension Adapter Gen 2</p> <p>WLAN Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card</p> <p>Bluetooth™ Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</p> <p>WWAN (optional) One of the following, configurable by model: <ul style="list-style-type: none"> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> </ul> </p> <p>SIM card (opt) Nano-SIM card slot, optional Verizon LTE (US) SIM card</p>								

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