

ThinkPad X1 Yoga (4th Gen) 20QG0016GE

Product
ThinkPad X1 Yoga (4th Gen)

Region
WE

Country
Germany

Machine Type
20QG

TopSeller
TopSeller

Processor
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" FHD (1920x1080) IPS 380nits Glossy

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
ThinkPad Ethernet Extension Adapter Gen 2

Color
Iron Gray

Case Material
Aluminum

Camera
720p + IR

Keyboard
Backlit

Pen
ThinkPad Pen Pro

Fingerprint Reader
Fingerprint Reader

NFC
NFC

TPM
Discrete TPM 2.0

Battery
Integrated 51Wh

Power Adapter
65W USB-C

System Management
Intel vPro

Operating System
Windows 10 Pro 64

Bundled Software
None

Warranty
3-year, Onsite

Upsell Service Bundles
None

End of Support
2025-08-23

Announce Date
2019-07-23

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 Yoga (4th Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor										Smart card reader None	
	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							
Graphics	Intel UHD Graphics 620 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)										Media reader Ports	None 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
Chipset	Intel SoC (System on Chip) platform										Monitor cabl	Optional: Lenovo HDMI to VGA Monitor Adapter
Memory	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets										Bundled Accy	Optional: ThinkPad Ethernet Extension Adapter Gen 2
Display		Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Camera (optional)	One of the following, configurable by model: • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus
		14.0"	FHD (1920x1080) Low Power	IPS	Glossy	380 nits	16:9	800:1	72%	170°	Audio support	HD Audio, Realtek® ALC1012L codec, Stereo speakers, 2W x 2, 0.8W x 2, Dolby® Audio™ Atmos / Quad array far-field microphones, headphone / microphone combo jack
		14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Glossy	380 nits	16:9	1000:1	72%	170°	Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, LED backlight TrackPoint® pointing device and buttonless Glass surface multi-touch touchpad
		14.0"	WQHD (2560x1440)	IPS	Glossy	280 nits	16:9	800:1	72%	170°	Security	Power-on password, hard disk password, supervisor password, security keyhole
		14.0"	UHD (3840x2160) Dolby Vision™ HDR400	IPS	Glossy	470 nits	16:9	1400:1	90%	170°	Security chip	Discrete TPM 2.0 TCG Certified
Multi-touch	Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture										System Mgt	Optional: Intel vPro Technology
Hinge	Yoga hinge, 360 degree										Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest
Convert-mode	Laptop, tent, stand, and tablet										NFC	Optional: Near Field Communication
Pen	ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable										Battery	Integrated Li-Ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter
Storage	One of the following, configurable by model: • M.2 2280 SSD / SATA 6.0Gb/s • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 • Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4										Max battery life	MobileMark® 2014: 18.1 hrs <i>* Battery life varies significantly with settings, usage, & other factors</i>
Optane™ Memory	Intel Optane Memory H10										AC adapter	45W or 65W USB Type-C AC adapter
Optical	None										G-sensor	3D accelerometer
Ethernet	Native Intel Ethernet Connection I219-LM (vPro) or I219-V (Non-vPro) via bundled or optional ThinkPad Ethernet Extension Adapter Gen 2										Gyroscope	3D gyrometer
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card										GPS	GPS function is integrated into WWAN module
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										Preload	One of the following, configurable by model: • Windows® 10 Pro 64 • Windows 10 Home 64
WWAN (optional)	One of the following, configurable by model: • 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										Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service
SIM card (opt)	Nano-SIM card slot, optional Verizon LTE (US) SIM card										Mil-Spec test	MIL-STD-810G military testing
Dimensions	WxDxH: 12.71" x 8.58" x 0.61"; 323mm x 218mm x 15.5mm										Environment	EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant
Weight	Starting at 2.99 lb (1.36kg)											
Case color	Iron Gray											
Case material	Display cover: Aluminium; Bottom: Magnesium											

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