

ThinkPad X1 Yoga (4th Gen) 20QG001HGE

Product

ThinkPad X1 Yoga (4th Gen)

Region

WE

Country/Region

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, ThinkPad Privacy Guard, 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

Fibocom L850-GL

Smart Card Reader

None

Monitor Cable

None

Bundled Accessories

ThinkPad Ethernet Extension Adapter Gen 2

Color

Iron Grey

Case Material

Aluminum

Camera

720p + IR

Keyboard

Backlit, German

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, German

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

End of Support

2025-10-17

Announce Date

2019-09-17

Recommended Services

Better

5Y Onsite upgrade from 3Y Onsite (5WS0E97383)

Good

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26638)

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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Lenovo™

ThinkPad X1 Yoga (4th 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: 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 2.99 lb / 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		None									
	i7-8665U			1.9 GHz	4.8 GHz	8MB		Media reader		None									
	i5-10210U			1.6 GHz	4.2 GHz	6MB		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									
	i7-10510U	6	12	1.8 GHz	4.9 GHz	8MB	Intel UHD Graphics		Monitor cabl	Optional: Lenovo HDMI to VGA Monitor Adapter									
	i7-10710U			1.1 GHz	4.7 GHz	12MB	Bundled Accy		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)									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								
Chipset	Intel SoC (System on Chip) platform									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								
Memory	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets									Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlight								
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	UltraNav™	TrackPoint® pointing device and buttonless Glass surface multi-touch touchpad								
	14.0"	FHD (1920x1080) Low Power	IPS	Glossy	380 nits	16:9	800:1	72%	170°	Security	Power-on password, supervisor password, system management password, hard disk password								
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Glossy	380 nits	16:9	1000:1	72%	170°	Security chip	Discrete TPM 2.0 TCG Certified								
	14.0"	WQHD (2560x1440)	IPS	Glossy	280 nits	16:9	800:1	72%	170°	System Mgt	Optional: Intel vPro Technology								
	14.0"	UHD (3840x2160) Dolby Vision™ HDR400	IPS	Glossy	470 nits	16:9	1400:1	90%	170°	Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest								
Multi-touch	Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), Supports 10-finger gesture									NFC	Optional: Near Field Communication								
Hinge	Yoga hinge, 360 degree									Battery	Integrated Li-Ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter								
Convert-mode	Laptop, tent, stand, and tablet									Max battery life	MobileMark® 2014: 18.1 hrs * Battery life varies significantly with settings, usage, & other factors								
Pen	ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable									AC adapter	45W or 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									G-sensor	3D accelerometer								
Optical	None									Gyroscope	3D gyrometer								
Ethernet	Native Intel Ethernet Connection I1219-LM (vPro) or I1219-V (Non-vPro) via bundled or optional ThinkPad Ethernet Extension Adapter Gen 2									GPS	GPS function is integrated into WWAN module								
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card									Preload	One of the following, configurable by model: • Windows® 10 Pro 64 • Windows 10 Home 64								
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 1-year depot with 2-year planar • 3-year/1-yr battery depot repair service								
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									Mil-Spec test	MIL-STD-810G military testing								
SIM card (opt)	Nano-SIM card slot, optional Verizon LTE (US) SIM card									Environment	EPEAT™ Gold; ENERGY STAR® 7.1; RoHS-compliant								

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