

ThinkPad X1 Yoga Gen 5 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor										Dimensions <i>WxDxH (Privacy Guard):</i> 12.71" x 8.58" x 0.63"; 323mm x 218mm x 15.95mm <i>WxDxH (other model):</i> 12.71" x 8.58" x 0.61"; 323mm x 218mm x 15.5mm <i>Privacy Guard model:</i> starting at 3.24 lb / 1.47 kg; <i>Other model:</i> starting at 2.99 lb / 1.36 kg
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	LPDDR3-2133	Intel UHD Graphics			
	i5-10310U			1.6 GHz	4.4 GHz	6MB					
	i7-10510U			1.8 GHz	4.9 GHz	8MB					
i7-10610U	1.8 GHz			4.9 GHz	8MB						
Graphics	Intel UHD Graphics in processor; supports up to 3 independent displays via native display and two external monitors; supports external monitors via HDMI (up to 4K@24Hz) or Thunderbolt (5K@60Hz)										Weight Case color Case material <i>Display cover:</i> Aluminium; <i>Bottom:</i> Magnesium Smart card readerNone Media readerNone PortsTwo 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> <i>Optional:</i> Lenovo HDMI to VGA Monitor Adapter <i>Optional:</i> ThinkPad Ethernet Extension Adapter Gen 2 Monitor cable Bundled Accy Camera (<i>optional</i>)• HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus Audio supportHD Audio, USI 4551-513711-00 codec / Dolby® Atmos™ speaker system, 2W x 2, 0.8 x 2 / four 360° far-field microphones, headphone / microphone combo jack Keyboard6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, LED backlight UltraNav™TrackPoint® pointing device and buttonless glass surface multi-touch touchpad SecurityPower-on password, hard disk password, supervisor password, security keyhole Security chip• Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified System Mgt (<i>opt</i>)Intel vPro Technology Fingerprint readerTouch style match on chip fingerprint reader on the palm rest NFC (<i>optional</i>)Near Field Communication BatteryIntegrated Li-Polymer 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter Max battery life <i>MobileMark® 2014:</i> 19.3 hr <i>MobileMark 2018:</i> 13.0 hr <i>* Battery life varies significantly with settings, usage, & other factors</i> AC adapter• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter Operating system• Windows® 10 Home 64 • Windows 10 Pro 64 Limited warranty (<i>optional</i>)• 1-year depot repair service • 1-year depot with 2-year system board repair service • 1-year limited onsite service • 1-year + 2-year depot repair service • 1-year + 2-year limited onsite service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service Mil-Spec testMIL-STD-810G military testing EnvironmentEPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant
Chipset	Intel SoC (System on Chip) platform										
Memory	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets										
Display	Size	Resolution		Type	Surface	Bright-ness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	
	14.0"	FHD (1920x1080) Low Power		IPS	Anti-reflection Anti-smudge	400 nits	16:9	700:1	72%	170°	
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard		IPS	Anti-reflection Anti-smudge	500 nits	16:9	1500:1	72%	170°	
	14.0"	WQHD (2560x1440)		IPS	Anti-reflection Anti-smudge	300 nits	16:9	1000:1	72%	170°	
	14.0"	UHD (3840x2160) HDR 400, Dolby Vision™		IPS	Anti-reflection Anti-smudge	500 nits	16:9	1500:1	90% DCI-P3	170°	
<i>* WQHD is NOT available in EMEA</i>											
Multi-touch (<i>opt</i>)	Capacitive-type multi-touch, supports 10-finger gesture, anti-reflection (AR) / anti-smudge (AS) coating										
Hinge	Yoga hinge, 360 degree										
Convert-mode	Laptop, tent, stand and tablet										
Pen	ThinkPad Pen Pro, rechargeable active pen, on-board garage										
Storage	• M.2 2280 SSD / PCIe NVMe 3.0 x 4 • Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4										
Optical	None										
Ethernet	Native Intel Ethernet Connection I219-V (<i>Non-vPro</i>) or I219-LM (<i>vPro</i>) via optional ThinkPad Ethernet Extension Adapter Gen 2										
WLAN + Bluetooth™	Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 <i>* Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS</i>										
WWAN (<i>optional</i>)	• 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 <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i>										
SIM card (<i>opt</i>)	Nano-SIM card, Lenovo Connect 12 month, 4G LTE (US, UK and Germany only)										

Note: The specifications above may not be available in all regions.

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