

ThinkPad X1 Yoga (4th Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor										WWAN (optional) <i>One of the following, configurable by model:</i>	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		SIM card (opt)		
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620		• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card		
	i5-8365U			1.6 GHz	4.1 GHz	6MB				• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card		
	i7-8565U			1.8 GHz	4.6 GHz	8MB				* For non-WWAN model, it means the model is NOT WWAN upgradable		
	i7-8665U			1.9 GHz	4.8 GHz	8MB				Nano-SIM card slot, optional Verizon LTE (US) SIM card		
	or 10th Generation Intel Core i5 / i7 Processor (NOT available in EMEA)										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
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Weight	<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	
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	LPDDR3-2133	Intel UHD Graphics		Case color	Iron Grey	
	i7-10510U			1.8 GHz	4.9 GHz	8MB				Case material	<i>Display cover:</i> Aluminium; <i>Bottom:</i> Magnesium	
	i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB			Smart card reader	None		
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: 5K@60Hz (Thunderbolt); 4K@24Hz (HDMI)										Media reader	None
Chipset	Intel SoC (System on Chip) platform										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
Memory	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets										Monitor cable	<i>Optional:</i> Lenovo HDMI to VGA Monitor Adapter
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Bundled Accy	<i>Optional:</i> ThinkPad Ethernet Extension Adapter Gen 2	
	14.0"	FHD (1920x1080) Low Power	IPS	Anti-reflection Anti-smudge	400 nits	16:9	800:1	72%	170°	Camera (optional) <i>One of the following, configurable by model:</i>		
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-reflection Anti-smudge	400 nits	16:9	1000:1	72%	170°	• HD720p camera with ThinkShutter camera privacy, fixed focus		
	14.0"	WQHD (2560x1440)	IPS	Anti-reflection Anti-smudge	300 nits	16:9	800:1	72%	170°	• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus		
	14.0"	UHD (3840x2160) HDR 400, Dolby Vision™	IPS	Anti-reflection Anti-smudge	500 nits	16:9	1400:1	90%	170°	HD Audio, Realtek® ALC3286 codec / Dolby® Atmos™ speaker system, 2W x 2, 0.8 x 2 / four 360° far-field microphones, headphone / microphone combo jack		
Multi-touch	Capacitive-type multi-touch, supports 10-finger gesture, AR (anti-reflection) / AS (anti-smudge) coating, could reduce the brightness by up to 10%										Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlight
Hinge	Yoga hinge, 360 degree										UltraNav™	TrackPoint® pointing device and buttonless glass surface multi-touch touchpad
Convert-mode	Laptop, tent, stand and tablet										Security	Power-on password, hard disk password, supervisor password, security keyhole
Pen	ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable										Security chip	Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified (may be disabled in some region)
Storage	<i>One of the following, configurable by model:</i>										System Mgt (opt)	Intel vPro Technology
	• M.2 2280 SSD / SATA 6.0Gb/s										Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest
	• M.2 2280 SSD / PCIe NVMe 3.0 x 4										NFC (optional)	Near Field Communication
	• Intel Optane™ SSD / PCIe NVMe 3.0 x 2										Battery	Integrated Li-ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
	• Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4										Max battery life	<i>MobileMark® 2014:</i> 18.1 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>
Optical	None										AC adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W slim tip AC adapter
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Adapter Gen 2										Operating system	<i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0										Limited warranty (optional)	• 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
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										Mil-Spec test	MIL-STD-810G military testing
											Environment	EPEAT™ Gold; ENERGY STAR® 7.1; RoHS-compliant

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

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