

ThinkPad X1 Yoga (2nd Gen) Platform

Product Specifications Reference (PSREF)

Processor	7th 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	vPro	Media reader	Micro SD, supports UHS-II SD card
	i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620	No	Ports	Three USB 3.1 Gen 1 / USB 3.0 (one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (support data, video, and power delivery), Mini RJ45, HDMI, combo audio / microphone jack
	i5-7300U			2.6 GHz	3.5 GHz	3MB			vPro		
	i7-7500U			2.7 GHz	3.5 GHz	4MB			No		
	i7-7600U			2.8 GHz	3.9 GHz	4MB			vPro		
Graphics	Intel HD Graphics 620 in processor only, supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)									WiGig dock (opt)	ThinkPad WiGig dock
Chipset	Intel SoC (System on Chip) platform									Adapter (optional)	USB-C-VGA: USB-C to VGA adapter USB-C-DP: USB-C to DisplayPort adapter HDMI-VGA: Lenovo HDMI to VGA Monitor Cable
Memory	16GB max / 1866MHz LPDDR3 / soldered to systemboard									Camera (optional)	720p: HD720p resolution, fixed focus IR & 720p: IR camera and HD720p camera (Narrow Bezel FHD panels only)
Display	<i>Some:</i> 14.0" (355mm) WQHD (2560x1440), glossy / anti-reflection, OLED, 300 nits, 16:9 aspect ratio, 54000:1 contrast ratio <i>Some:</i> 14.0" (355mm) WQHD (2560x1440), glossy / anti-reflection, LED backlight, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS <i>Some:</i> 14.0" (355mm) FHD (1920x1080), glossy / anti-reflection, LED backlight, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS <i>Some:</i> 14.0" (355mm) FHD (1920x1080), glossy / anti-reflection, LED backlight, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio (Narrow Bezel FHD panel), IPS									Audio support	HD Audio, Conexant® CX11771 codec, Dolby® Audio Premium / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack
Multi-touch	Capacitive touch panel, supports 10-finger gesture									Keyboard	6-row wave keyboard (rise & fall), spill-resistant, multimedia Fn keys, LED backlit
Hinge	Yoga hinge, 360 degree									UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad, multi-touch
Convert-mode	Laptop, tent, stand, and tablet									Security	Power-on password, hard disk password, supervisor password, security keyhole
Pen (optional)	ThinkPad Pen Pro, active pen for multi-touch display									Security chip	Discrete TPM 2.0 TCG Certified
Storage	<i>Some:</i> M.2 SSD / SATA 6.0Gb/s <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s									vPro (optional)	Intel vPro Technology
Optical	None									Fingerprint reader	Touch style fingerprint reader on the keyboard bezel
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Cable									NFC (optional)	Near Field Communication
WLAN	<i>One of the following, configurable by model (WiGig is mutually exclusive with WWAN):</i> <ul style="list-style-type: none"> Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2, 802.11ac + BT4.1, M.2 Card Intel Tri-Band Wireless-AC 18265, WiGig™ 802.11ad + Wi-Fi 2x2, 802.11ac + BT4.1, M.2 Card 									Battery type	Li-Polymer 4-cell (56Wh)
Bluetooth™	<i>*WiGig adapter is only available in selected countries*</i> Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter <i>*Intel Wi-Fi card supports Bluetooth 4.2 but is limited to BT 4.1 by Windows OS</i>									Battery life	Up to 15.5 hr
WWAN (optional)	<i>One of the following, configurable by model (mutually exclusive with WiGig):</i> <ul style="list-style-type: none"> Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/UMTS/GNSS, M.2 card 									AC adapter	<i>Some:</i> 45-watt USB Type-C adapter <i>Some:</i> 65-watt USB Type-C adapter
SIM card	Micro-SIM card slot, Lenovo Connect (WE) SIM card									Light sensor	Ambient Light Sensor
Dimensions	WxDxH: 13.11" x 9.02" x 0.69"; 333mm x 229mm x 17.4mm									G-sensor	3D accelerometer and 3D magnetometer
Weight	From 2.99 lb (1.36kg) for OLED model; 3.15 lb (1.42kg) for other model									Compass	3D compass
Case color	Black or silver									Gyroscope	3D gyrometer
Case material	Carbon-Fiber Hybrid									Preload	<i>Some:</i> Windows 10 Pro 64 <i>Some:</i> Windows 10 Home 64 <ul style="list-style-type: none"> Lenovo Companion Lenovo Settings Microsoft Office preloaded; purchase a product key to activate McAfee® Live Safe (30-day trial)
										Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year depot repair service 3-year/1-yr battery depot repair service 3-year/1-yr battery limited onsite service
										Mil-Spec test	MIL-STD-810G military certification
										Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant