

# ThinkPad X1 Yoga Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / 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	
	i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	LPDDR3-1866	Intel HD Graphics 520	No	Ports	Three USB 3.0 (one Always On), Mini DisplayPort, HDMI, Onelink+ connector, combo audio / microphone jack	
	i5-6300U			2.4 GHz	3.0 GHz	3MB		vPro	Optional:	WiGig dock, mutually exclusive with WWAN		
	i7-6500U			2.5 GHz	3.1 GHz	4MB		No	Adapter (optional)	HDMI-VGA: Lenovo HDMI to VGA Monitor Cable		
	i7-6600U			2.6 GHz	3.4 GHz	4MB		vPro	mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable			
Graphics	Intel HD Graphics 520 in processor only, supports external digital monitor via HDMI or Mini DisplayPort; supports dual independent displays; Max resolution: 3840x2160 (Mini DisplayPort) @60Hz; 4096x2160 (HDMI) @24Hz								Camera	HD720p resolution, fixed focus		
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Conexant® CX11852 codec, Dolby® DAX2 / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack		
Memory	16GB max / 1866MHz LPDDR3 / soldered to systemboard								Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlit		
Display	<i>Some:</i> 14.0" (355mm) WQHD (2560x1440), glare, OLED, 300 nits, 16:9 aspect ratio, 2000000:1 contrast ratio <i>Some:</i> 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio <i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio								UltraNav™	TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch		
Multi-touch	Capacitive touch panel, supports 10-finger gesture								Security	Power-on password, hard disk password, supervisor password, security keyhole		
Hinge	Yoga hinge, 360 degree								Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset		
Convert-mode	Laptop, tent, stand, and tablet								vPro (optional)	Intel vPro Technology		
Pen (optional)	ThinkPad Pen Pro, active pen for multi-touch display								Fingerprint reader	Touch style fingerprint reader on the keyboard bezel		
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								NFC	None		
Optical	None								Battery type	Li-Polymer 4-cell (52Wh) or 4-cell (56Wh, OLED models only)		
Ethernet	Gigabit Ethernet via optional Ethernet (RJ-45) adapter (by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))								Battery life	Up to 11.0 hr		
WLAN	<i>One of the following, configurable by model (WiGig is mutually exclusive with WWAN):</i> <ul style="list-style-type: none"> <li>11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card</li> <li>WiGig™+11AC+BT, Intel Tri-Band Wireless-AC 8260, 2x2 WLAN, WiGig, M.2 Card</li> </ul>								AC adapter	45W or 65W AC adapter		
Bluetooth™	Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter								Light sensor	Ambient Light Sensor		
WWAN (optional)	<i>One of the following, configurable by model (mutually exclusive with WiGig):</i> <ul style="list-style-type: none"> <li>Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card</li> <li>Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)</li> </ul>								G-sensor	3D accelerometer and 3D magnetometer		
SIM card	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								Compass	3D compass		
Dimensions	WxDxH: 13.11" x 9.02" x 0.66"; 333.0mm x 229.0mm x 16.8mm								Gyroscope	3D gyrometer		
Weight	From 3.00 lb (1.36kg)								Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 <i>Some:</i> Windows 10 Pro 64 <i>Some:</i> Windows 10 Home 64		
Case color	Black									<ul style="list-style-type: none"> <li>Lenovo Solution Center</li> <li>Lenovo WRITEit</li> <li>Lenovo Companion</li> <li>Lenovo Settings</li> <li>Microsoft Office preloaded; purchase a product key to activate</li> <li>McAfee® Live Safe (30-day trial)</li> </ul>		
Case material	Carbon-Fiber Hybrid								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>3-year/1-yr battery depot repair service</li> <li>3-year/1-yr battery limited onsite service</li> </ul>		
									Mil-Spec test	MIL-STD-810G military certification		
									Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant		