

# ThinkPad X380 Yoga Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor								Dimensions <i>WxDxH:</i> 12.34" x 8.75" x 0.72"; 313.5mm x 222.2mm x 18.2mm	Weight Starting at 3.17 lb (1.43kg)	Case color Black or silver	Case Material Carbon-Fiber Hybrid
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics				
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620				
	i5-8350U			1.7 GHz	3.6 GHz	6MB						
	i7-8550U			1.8 GHz	4.0 GHz	8MB						
i7-8650U	1.9 GHz			4.2 GHz	8MB							
Graphics	Intel UHD 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@30Hz (HDMI)								Smart card reader <i>Optional:</i> Smart card reader (mutually exclusive with NFC)	Media reader One microSD card slot (microSD, microSDHC, microSDXC), UHS-I	Ports Two USB 3.1 Gen 1 (one Always On), Ethernet extension connector, one USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, microSD card reader, nano-SIM card slot (WWAN models), headphone / microphone combo jack	
Chipset	Intel SoC (System on Chip) platform								WiGig dock None	Monitor cable <i>(optional)</i> <i>USB-C to VGA:</i> Lenovo USB-C to VGA Plus Power Adapter		
Memory	8GB or 16GB / 2400MHz DDR4 / soldered to systemboard, no sockets * System clocks down for processors with lower memory controller								Camera <i>One of the following, configurable by model:</i> <i>720p:</i> HD720p camera, fixed focus <i>IR &amp; 720p:</i> IR camera and HD720p camera, fixed focus			
Display	13.3" (337.8mm) FHD (1920x1080), glossy, LED backlight, IPS 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle								Audio support HD Audio, Conexant® CX11771 codec / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack			
Multi-touch	Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture								Keyboard 6-row, spill-resistant, multimedia Fn keys, LED backlight			
Hinge	Yoga hinge, 360 degree								UltraNav™ TrackPoint® pointing device and 3+2 buttons Mylar surface multi-touch click pad			
Convert-mode	Laptop, tent, stand, yoga 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 Discrete TPM 2.0 TCG Certified			
Storage	<i>Some:</i> M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)								vPro <i>(optional)</i> Intel vPro Technology	Fingerprint reader <i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest		
Optical	None								NFC <i>(optional)</i> Near Field Communication (mutually exclusive with smart card reader)			
Ethernet	Native Intel Ethernet Connection I219-V ( <i>Non-vPro</i> ) or I219-LM ( <i>vPro</i> ) via optional ThinkPad Ethernet Extension Cable								Battery Li-Ion 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter			
WLAN	Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card * <i>Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS</i>								Max battery life 13.6 hr	AC adapter 45W or 65W slim tip AC adapter, 45W or 65W USB Type-C AC adapter		
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Light sensor Ambient Light Sensor			
WWAN <i>(optional)</i>	Integrated Mobile Broadband 4G LTE, Intel XMM™ 7262 (Fibocom L830-EB), M.2 card (EMEA only)								G-sensor/ eCompass 3D accelerometer and 3D magnetometer			
SIM card <i>(opt)</i>	Nano-SIM card slot								Gyroscope 3D gyrometer			
									Preload <i>Some:</i> Windows 10 Home 64 <i>Some:</i> Windows 10 Pro 64			
									Limited warranty <i>One of the following, configurable by model:</i> • 1-year depot repair service • 3-year/1-yr battery depot repair service			
									Mil-Spec test MIL-STD-810G military certification			
									Environment EPEAT™ Gold; ENERGY STAR®; RoHS-compliant			