

# 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				
	i7-6500U			2.5 GHz	3.1 GHz	4MB		No				
	i7-6600U			2.6 GHz	3.4 GHz	4MB		vPro				
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									WiGig dock Adapter (optional)	WiGig dock, mutually exclusive with WWAN <b>HDMI-VGA:</b> Lenovo HDMI to VGA Monitor Cable <b>mDP-VGA:</b> Lenovo Mini DisplayPort to VGA Monitor Cable <b>RJ45:</b> ThinkPad OneLink+ to RJ45 adapter <b>VGA/RJ45:</b> ThinkPad OneLink+ to VGA/RJ45 adapter	
Chipset	Intel SoC (System on Chip) platform									Camera	HD720p resolution, fixed focus	
Memory	16GB max / 1866MHz LPDDR3 / soldered to systemboard									Audio support	HD Audio, Conexant® CX11852 codec, Dolby® DAX2 / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack	
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									Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlight UltraNav™ TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch	
Multi-touch	Capacitive touch panel, supports 10-finger gesture									Security chip	Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset	
Hinge	Yoga hinge, 360 degree									vPro (optional)	Intel vPro Technology	
Convert-mode	Laptop, tent, stand, and tablet									Fingerprint reader	Touch style fingerprint reader on the keyboard bezel	
Pen (optional)	ThinkPad Pen Pro, active pen for multi-touch display									NFC	None	
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									Battery type	Li-Polymer 4-cell (52Wh) or 4-cell (56Wh, OLED models only)	
Optical	None									Battery life	Up to 11.0 hr	
Ethernet	Gigabit Ethernet via optional Ethernet (RJ-45) adapter (by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))									AC adapter	45W or 65W AC adapter	
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>									Light sensor	Ambient Light Sensor	
Bluetooth™	Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter									G-sensor	3D accelerometer and 3D magnetometer	
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>									Compass	3D compass	
SIM card	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card									Gyroscope	3D gyrometer	
Dimensions	WxDxH: 13.11" x 9.02" x 0.66"; 333.0mm x 229.0mm x 16.8mm									Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo WRITEit • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® Live Safe (30-day trial)	<i>Some:</i> Windows 10 Pro 64 <i>Some:</i> Windows 10 Home 64 • Lenovo Solution Center • Lenovo WRITEit • Lenovo Companion • Lenovo Settings • Microsoft Office preloaded; purchase a product key to activate • McAfee® Live Safe (30-day trial)
Weight	From 3.00 lb (1.36kg)									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>	
Case color	Black									Mil-Spec test	MIL-STD-810G military certification	
Case material	Carbon-Fiber Hybrid									Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant	

<b>Model</b>	<b>20FQ002W++</b>
Product	ThinkPad X1 Yoga (1st Gen)
Region	EMEA
Machine Type	20FQ
TopSeller	TopSeller
Processor	Core i5-6300U (2C, 2.4 / 3.0GHz, 3MB)
vPro	vPro
Graphics	Integrated Intel HD Graphics 520
Memory	8GB Soldered
Display	14" WQHD (2560x1440) IPS Anti-glare
Multi-touch	10-point Multi-touch
Storage	256GB SSD M.2 SATA3 Opal2
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	HUAWEI ME906S
SIM Card	None
Dock	None
Adapter	OneLink+ to RJ45 Adapter
Camera	720p
Keyboard	Backlit
Pen	ThinkPad Pen Pro
Fingerprint Reader	Fingerprint Reader
NFC	None
Battery	4-cell (52Wh)
Power Adapter	65W
Operating System	Windows 10 Pro 64
Warranty	3-year, Onsite
Global	No
Ann Date (mm/yy)	01/16







