

ThinkPad X1 Yoga Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor								
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	vPro
	i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	LPDDR3-1866	Intel HD Graphics 520	No
	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								
Chipset	Intel SoC (System on Chip) platform								
Memory	16GB max / 1866MHz LPDDR3 / soldered to systemboard								
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								
Multi-touch	Capacitive touch panel, supports 10-finger gesture								
Hinge	Yoga hinge, 360 degree								
Convert-mode	Laptop, tent, stand, and tablet								
Pen (<i>optional</i>)	ThinkPad Pen Pro, active pen for multi-touch display								
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								
Optical	None								
Ethernet	Gigabit Ethernet via optional Ethernet (RJ-45) adapter (by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))								
WLAN	<i>One of the following, configurable by model (WiGig is mutually exclusive with WWAN):</i> <ul style="list-style-type: none">• 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 Card• WiGig™+11ac+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 Card								
Bluetooth™	Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter								
WWAN (<i>optional</i>)	<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+/HSPA/UMTS/GNSS, M.2 card• Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)								
SIM card	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								
Dimensions	<i>WxDxH:</i> 13.11" x 9.02" x 0.66"; 333.0mm x 229.0mm x 16.8mm)								
Weight	From 3.00 lb (1.36kg)								
Case color	Black								
Case material	Carbon-Fiber Hybrid								
Smart card reader	None								
Media reader	Micro SD, supports UHS-II SD card								
Ports	Three USB 3.0 (one Always On), Mini DisplayPort, HDMI, Onelink+ connector, combo audio / microphone jack								
WiGig dock Adapter (<i>optional</i>)	<i>Optional:</i> WiGig dock, mutually exclusive with WWAN <i>HDMI-VGA:</i> Lenovo HDMI to VGA Monitor Cable <i>mDP-VGA:</i> Lenovo Mini DisplayPort to VGA Monitor Cable <i>RJ45:</i> ThinkPad OneLink+ to RJ45 adapter <i>VGA/RJ45:</i> ThinkPad OneLink+ to VGA/RJ45 adapter								
Camera	HD720p resolution, fixed focus								
Audio support	HD Audio, Conexant® CX11852 codec, Dolby® DAX2 / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack								
Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlit								
UltraNav™	TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch								
Security	Power-on password, hard disk password, supervisor password, security keyhole								
Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset								
vPro (<i>optional</i>)	Intel vPro Technology								
Fingerprint reader	Touch style fingerprint reader on the keyboard bezel								
NFC	None								
Battery type	Li-Polymer 4-cell (52Wh) or 4-cell (56Wh, OLED models only)								
Battery life	Up to 11.0 hr								
AC adapter	45W or 65W AC adapter								
Light sensor	Ambient Light Sensor								
G-sensor	3D accelerometer and 3D magnetometer								
Compass	3D compass								
Gyroscope	3D gyrometer								
Preload	<div>Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64</div> <div><ul style="list-style-type: none">• Lenovo Solution Center• 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)</div> <div><i>Some:</i> Windows 10 Pro 64</div> <div><i>Some:</i> Windows 10 Home 64<ul style="list-style-type: none">• Lenovo Solution Center• Lenovo WRITEit• Lenovo Companion• Lenovo Settings• Microsoft Office preloaded; purchase a product key to activate• McAfee® Live Safe (30-day trial)</div>								
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								

Model	20FQ005U++
Product	ThinkPad X1 Yoga (1st Gen)
Region	EMEA
Machine Type	20FQ
TopSeller	TopSeller
Processor	Core i7-6600U (2C, 2.6 / 3.4GHz, 4MB)
vPro	vPro
Graphics	Integrated Intel HD Graphics 520
Memory	16GB Soldered
Display	14" WQHD (2560x1440) OLED Glossy
Multi-touch	10-point Multi-touch
Storage	512GB SSD M.2 PCIe NVMe
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	Sierra EM7455
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 (56Wh)
Power Adapter	65W
Operating System	Windows 10 Pro 64
Warranty	3-year, Onsite
Global	No
Ann Date (mm/yy)	06/16







