

ThinkPad X1 Yoga (2nd Gen) Platform Specifications

Processor		7th Generation Intel® Core™ i5 / i7 Processor														
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics									
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620									
i5-7300U			2.6 GHz	3.5 GHz	3MB											
i7-7500U			2.7 GHz	3.5 GHz	4MB											
i7-7800U			2.8 GHz	3.9 GHz	4MB											
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)															
Chipset	Intel SoC (System on Chip) platform															
Memory	8GB or 16GB max / 1866MHz LPDDR3 / soldered to systemboard, no sockets															
Display	<p>Some: 14.0" (355mm) FHD (1920x1080), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS</p> <p>Some: 14.0" (355mm) Narrow Bezel FHD (1920x1080), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS</p> <p>Some: 14.0" (355mm) WQHD (2560x1440), glossy, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle, IPS</p> <p>Some: 14.0" (355mm) WQHD (2560x1440), glossy, OLED, 300 nits, 16:9 aspect ratio, 54000:1 contrast ratio, 100% gamut, 176° viewing angle</p>															
Multi-touch	LED panel: Capacitive-type multi-touch, AR (anti-reflection), AS (anti-smudge), supports 10-finger gesture															
Hinge	OLED panel; OCTA, AS (anti-smudge), supports 10-finger gesture															
Convert-mode	Yoga hinge, 360 degree															
Pen (optional)	Laptop, tent, stand, and tablet ThinkPad Pen Pro, active pen for multi-touch display															
Storage	Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe) None															
Optical	None															
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Cable															
WLAN	<p>One of the following, configurable by model (WiGig is mutually exclusive with WWAN):</p> <ul style="list-style-type: none"> Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2, 802.11ac + BT 4.1, M.2 Card Intel Tri-Band Wireless-AC 8265, WiGig™ 802.11ad + Wi-Fi 2x2, 802.11ac + BT 4.1, M.2 Card <p>*WiGig adapter is only available in selected countries*</p>															
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS															
WWAN (optional)	Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)															
SIM card	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card															
Dimensions	LED model: 13.11" x 9.02" x 0.67" (WxDxH); 333mm x 229mm x 17.05mm															
Weight	Starting at 2.99 lb (1.36kg) for OLED model; 3.13 lb (1.42kg) for other model															
Case color	Black or silver															
Case material	Display cover: Carbon-Fiber Hybrid; Bottom: magnesium-PPS hybrid															
Smart card reader	None															
Media reader	Micro SD, supports UHS-II SD card															
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), HDMI 1.4b, Ethernet extension connector, combo audio / microphone jack															
WiGig dock (opt)	ThinkPad WiGig dock															
Monitor Cable (optional)	HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter															
Camera (optional)	HD720p resolution, fixed focus IR & 720p: IR camera and HD720p camera (Narrow Bezel FHD panels only) HD Audio, Conexant® CX11771 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack															
Audio support	7R & 720p: IR camera and HD720p camera (Narrow Bezel FHD panels only) HD Audio, Conexant® CX11771 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack															
Keyboard	6-row wave keyboard (rise & fall), spill-resistant, multimedia Fn keys, LED backlit UltraNav™															
Security	TrackPoint® pointing device and 3+2 buttons multi-touch clickpad															
Security chip	Power-on password, hard disk password, supervisor password, security keyhole															
Security chip (optional)	Discrete TPM 2.0 TCG Certified															
Fingerprint reader	Intel vPro Technology															
NFC (optional)	Near Field Communication															
Battery type	Li-Polymer 4-cell (56Wh)															
Battery life	MobileMark® 2014: 15.5 hr * Battery life varies significantly with settings, usage, & other factors															
AC adapter	45W or 65W USB Type-C AC adapter															
RapidCharge	<table border="1"> <tr> <td>AC adapter</td> <td>45W USB-C</td> <td>65W USB-C</td> </tr> <tr> <td>Charge to 80%</td> <td>Not support</td> <td>1.0 hr</td> </tr> <tr> <td>Charge to 100%</td> <td>Not support</td> <td>2.8 hr</td> </tr> </table>							AC adapter	45W USB-C	65W USB-C	Charge to 80%	Not support	1.0 hr	Charge to 100%	Not support	2.8 hr
AC adapter	45W USB-C	65W USB-C														
Charge to 80%	Not support	1.0 hr														
Charge to 100%	Not support	2.8 hr														
Light sensor	Ambient Light Sensor															
G-sensor	3D accelerometer and 3D magnetometer															
Compass	3D compass															
Gyroscope	3D gyrometer															
Preload	Some: Windows 10 Pro 64 Some: Windows 10 Home 64															
Limited warranty	<ul style="list-style-type: none"> Lenovo Companion Lenovo Settings Microsoft Office preloaded; purchase a product key to activate <p>One of the following, configurable by model:</p> <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															