ThinkPad X1 Yoga Platform Specifications

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
Some: 14.0" (355mm) WQHD (2560x1440), glare, OLED, 300 nits, 16:9 aspect ratio, 2000000:1 contrast ratio
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 270 nits, 16:9 aspect ratio, 700:1 contrast ratio
Some: 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 *(optional)* ThinkPad Pen Pro, active pen for multi-touch display

Storage
Some: M.2 SSD / SATA 6.0Gb/s
Some: 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 *One of the following, configurable by model (WiGig is mutually exclusive with WWAN):*
- 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 *(optional)* *One of the following, configurable by model (mutually exclusive with WiGig):*
- 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 *WxDxH:* 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 materal 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 *Optional:* WiGig dock, mutually exclusive with WWAN

Adapter *(optional)* *HDMI-VGA:* Lenovo HDMI to VGA Monitor Cable
mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable
RJ45: ThinkPad OneLink+ to RJ45 adapter
VGA/RJ45: 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 Trusted Platform Module, TCG 1.2-compliant and Software TPM 2.0

vPro *(optional)* 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 Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
- 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)

Some: Windows 10 Pro 64
Some: 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)

Limited warranty *One of the following, configurable by model:*
- 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