ThinkPad X270 Platform Specifications

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	WxDxH: 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm
	Processor	# of	# of	Base	Max Turbo	Cache	Memory	Processor	Weight	Models No + 3-cell 3-cell + 3-cell 3 + 6-cell
		Cores	Threads	Frequency	Frequency		Types	Graphics		Weight 2.79 lb / 1.27 kg 2.98 lb / 1.36 kg 3.33 lb / 1.52 kg
	i3-6006U	2	4	2.0 GHz		3MB		Intel HD Graphics	Case color	Black
	i3-6100U			2.3 GHz	-	3MB			Case material	Display cover: Glass-Fiber Reinforced Plastic; Bottom: Glass-Fiber Reinforced Plastic
	i5-6200U			2.3 GHz	2.8 GHz	3MB	DDR4-2133			
	i5-6300U		}	2.4 GHz	3.0 GHz	3MB		520	Smart card reade Media reader	r <i>Optional:</i> Smart card reader 4-in-1 reader (MMC, SD, SDHC, SDXC)
	i7-6500U i7-6600U		ŀ	2.5 GHz 2.6 GHz	3.1 GHz	4MB 4MB			Ports	Two USB 3.1 Gen 1 (USB 3.0, one Always On),
										USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort),
	or 7th Generation Intel Core i3 / i5 / i7 Processor									HDMI 1.4b, Ethernet (RJ-45), Dock connector
	Processor Number	# of	# of	Base	Max Turbo	Cache	Memory	Processor Graphics	WiGig dock (opt)	* Depending on many factors, actual data transfer speed may be lower than theoretical speed ThinkPad WiGig dock, mutually exclusive with WWAN (US only)
	i3-7100U	Cores	Threads	Frequency 2.4 GHz	Frequency	3MB	Types	Graphics	Monitor cable (optional)	HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter
	i5-7100U	2	4	2.4 GHz	3.1 GHz	3MB	B DDR4-2133	Intel HD Graphics 620		USB-C to VGA: Lenovo USB-C to VGA Adapter
	i5-7200U			2.6 GHz		3MB				USB-C to DP: Lenovo USB-C to DisplayPort Adapter
	i7-7500U			2.7 GHz	3.5 GHz	4MB				/)HD720p resolution, fixed focus
	i7-7600U			2.8 GHz	3.9 GHz	4MB			Audio support	HD Audio, Realtek ALC3268 codec / stereo speakers, 1.5W x 2 /
0		1	- 500							optional dual array microphone, combo audio/microphone jack
·	Intel HD Graphics 520 or 620 in processor; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2160@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)								Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight
										TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
								24Hz (HDMI)	Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 1.2 or TPM 2.0, TCG Certified (may be disabled in some region)
Chipset	Intel SoC (Syster	n on Chi	p) platform					vPro (optional)	Intel vPro Technology
Memory	16GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket								Fingerprint reade	r Optional: Touch style match on chip fingerprint reader on the palm rest
		* System clocks down for processors with lower memory controller							NFČ (optional)	Near Field Communication
Display	Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 170° viewing angle Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, IPS,							nt,		Optional: Integrated Li-ion or Li-Polymer 3-cell (23Wh)
								nt IDS		Li-ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)
								ing angle	Max battery life	Into to con to con to con to con to con to con
								light, IPS,	(WODIIEWAIK 2014)	Wax battery life 0.32 III 10.04 III 20.1 III 20.3 III
	300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle								AC adapter	* Battery life varies significantly with settings, usage, & other factors • 45W USB-C AC adapter
	On-cell touch, supports 10-finger gesture (FHD only)								- Ad adapter	45W Slim tip AC adapter
Storage	System has one HDD slot or one M.2 2280 slot exclusively for storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™									65W USB-C AC adapter
	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System with Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)							ion System™ SD\		65W slim tip AC adapter
	Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s							30)		One of the following, configurable by model:
Outland	Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage,							torage,		Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
	mutually exclusive with WWAN and WiGig									through downgrade rights in Windows 10 Pro 64 • Windows 10 Home 64
Optical	None									Windows 10 Pro 64
Ethernet	Non-vPro							.)	Limited warranty	One of the following, configurable by model:
NAME AND COMPANY OF	vPro model: Intel Ethernet Connection I219-LM (Jacksonville)							,	tica marianty	1-year depot repair service
WLAN (optional)	One of the following, configurable by model (WiGig is mutually exclusive with WWAN): • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1								 1-year depot with 2-year system board repair service 	
	Healter* RTL8822BE, WI-FL2X2 802.11aC + B14.1 Intel Dual Band Wireless-AC 8260, WI-FL2X2 802.11ac + BT4.1 Intel Dual Band Wireless-AC 8265, WI-FL2X2 802.11ac + BT4.1									 1-year/3-yr battery depot repair service 1-year limited onsite service
										3-year/1-yr battery depot repair service
	• Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1							302.11ac + BT4.1		3-year/3-yr battery depot repair service
Bluetooth™ (opt)	(US only)							ntor	1	3-year/1-yr battery limited onsite service
Didelootii (opt)	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							pier dows OS		3-year/3-yr battery limited onsite service
WWAN (ontional)									Mil-Spec test	MIL-STD-810G military testing
(optional)	One of the following, configurable by model (mutually exclusive with WiGig): • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)								Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant
	Qualcom	m® Sn	apdrago	n™ X7 LTE	-A (Sierra	Wireles	s EM7455))		
	Integrated Intel XMM	J IVIODI 1/™ 71/	ile Broad	band 4G L com L831-E	ΙΕ, -ΔΙΙ) /ΕΜΕ	A only)				
SIM card (opt)								MEA) SIM card		
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