

ThinkPad X270 20K60014++

Region
EMEA

Machine Type
20K6

TopSeller
TopSeller

Processor
Core i5-6300U (2C, 2.4 / 3.0GHz, 3MB)

vPro
vPro

Graphics
Integrated Intel HD Graphics 520

Memory
8GBx1

Display
12.5" FHD (1920x1080) IPS

Multi-touch
None

Storage
256GB SSD M.2 PCIe NVMe Opal2

Optical
None

WLAN + Bluetooth
Intel 8260 ac, 2x2 + BT4.1

WWAN
WWAN Upgradable

SIM Card
None

Smart Card Reader
Smart Card Reader

Dock
None

Monitor Cable
None

Camera
720p

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
dTPM 2.0

Battery
3-cell (23Wh) + 3-cell (23Wh)

Power Adapter
45W

Operating System
Windows 10 DG Windows 7 Pro 64

Warranty
3-year, Onsite

End of Support
Mar 7, 2022

Ann Date (mm/yy)
03/17

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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ThinkPad X270 Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor								WWAN (optional) One of the following, configurable by model (mutually exclusive with WiGig): <ul style="list-style-type: none">Wireless WAN upgradableIntegrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455)Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU) (EMEA only)					
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	SIM card (opt)	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card				
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Dimensions	WxDxH: 12.03" x 8.21" x 0.80"; 305.5mm x 208.5mm x 20.3mm				
	i3-6100U			2.3 GHz	-	3MB			Weight	Models	No + 3-cell	3-cell + 3-cell	3 + 6-cell	
	i5-6200U			2.3 GHz	2.8 GHz	3MB				Weight	2.79 lb / 1.27 kg	2.98 lb / 1.36 kg	3.33 lb / 1.52 kg	
	i5-6300U			2.4 GHz	3.0 GHz	3MB								
	i7-6500U			2.5 GHz	3.1 GHz	4MB								
	i7-6600U			2.6 GHz	3.4 GHz	4MB								
	or 7th Generation Intel Core i3 / i5 / i7 Processor								Case color	Black				
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Case material	Display cover: Glass-Fiber Reinforced Plastic; Bottom: Glass-Fiber Reinforced Plastic				
	i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Smart card reader	Optional: Smart card reader				
	i5-7200U			2.5 GHz	3.1 GHz	3MB			Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)				
	i5-7300U			2.6 GHz	3.5 GHz	3MB			Ports	Two USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45), Dock connector				
	i7-7500U			2.7 GHz	3.5 GHz	4MB			WiGig dock (opt)	ThinkPad WiGig dock, mutually exclusive with WWAN (US only)				
	i7-7600U			2.8 GHz	3.9 GHz	4MB			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				
Graphics	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)								Camera (optional)	HD720p resolution, fixed focus				
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Realtek ALC3268 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack				
Memory	16GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket * System clocks down for processors with lower memory controller								Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight				
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, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad				
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)								Security	Power-on password, hard disk password, supervisor password, security keyhole				
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™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN and WiGig								Security chip	Discrete TPM 2.0, TCG Certified				
Optical	None								vPro (optional)	Intel vPro Technology				
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)								Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest				
WWAN	One of the following, configurable by model (WiGig is mutually exclusive with WWAN): <ul style="list-style-type: none">Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1 (US only)								NFC (optional)	Near Field Communication				
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								Internal battery	Optional: Integrated Li-Ion or Li-Polymer 3-cell (23Wh)				
									External battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)				
									Max battery life (MobileMark® 2014)	Models	No + 3-cell	3-cell + 3-cell	3-cell + 6-cell 48Wh	3-cell + 6-cell 72Wh
										Max battery life	6.52 hr	13.04 hr	20.1 hr	26.9 hr
									AC adapter	45W AC adapter (slim tip) or 45W USB Type-C AC adapter				
									Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 <ul style="list-style-type: none">Lenovo Solution CenterLenovo PowerEngageThinkVantage Product RecoveryThinkVantage System UpdateAdobe® Reader®Microsoft® Office preloaded; purchase a product key to activateMcAfee® LiveSafe™ (30-day trial)				
									Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none">1-year depot repair service3-year/1-yr battery depot repair service3-year/1-yr battery limited onsite service				
									Mil-Spec test	MIL-STD-810G military certification				
									Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant				

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