

ThinkPad X240 Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Ultrabook™ or Thinbook™ or Spindle™								WiLAN ⁴		One of the following, configurable by model: <ul style="list-style-type: none">• ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card• Intel Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card• Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card• Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card		
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor								WWAN (optional) One of the following, configurable by model (mutually exclusive with M.2 SSD): <ul style="list-style-type: none">• Wireless WAN upgradeable• Wireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/HSPA+/EVDO/GSM/GPRS/EDGE, GPS, M.2 card (US models)• Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE models)• Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card (WE models)				
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics					
	i3-4010U	2	4	1.7 GHz	-	3MB	DDR3L-1600	Intel HD graphics 4400					
	i5-4200U			1.6 GHz	2.6 GHz	3MB							
	i5-4210U			1.7 GHz	2.7 GHz	3MB							
	i5-4300U			1.9 GHz	2.9 GHz	3MB							
i7-4600U	2.1 GHz			3.3 GHz	4MB								
Memory	8GB max / PC3-12800 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket								SIM card (optional) One of the following, configurable by model: <ul style="list-style-type: none">• AT&T® or Verizon® LTE (4G), contract required with service provider (US models)• Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required (WE models)• User selectable, contract required with service provider				
Optical Storage	None Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradeable Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradeable, Shock Mounted Hard Drive, Active Protection System™ Some: SSHD with 8GB NAND flash memory Some: Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card								Bluetooth™ Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet Non-vPro model: Intel Ethernet Connection I218-V (Clarkville) vPro model: Intel Ethernet Connection I218-LM (Clarkville) NFC Optional: Near Field Communication				
M.2 SSD									Security Security chip vPro (optional) Intel vPro Technology Fingerprint reader Optional: Fingerprint reader on the keyboard bezel, swipe sensor				
Widescreen display	Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio, TN Some: 12.5" (317.5mm) HD (1366x768), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS Some: 12.5" (317.5mm) FHD (1920x1080), anti-glare, LED backlight, 400 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS Some: Capacitive-type multi-touch, supports 10-finger gesture								Limited warranty ¹² One of the following, configurable by model: <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 service²⁴• 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)				
Multi-touch Camera (optional)	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus								Preload Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit Some: Windows 8 / 8.1 Pro 64-bit <ul style="list-style-type: none">• Lenovo Solution Center• Lenovo Support• Lenovo Companion• ThinkVantage System Update• Lenovo Reach (Windows 8.1 model)• Hightail - Metro (Windows 8.1 model)• Lenovo Cloud Storage by SugarSync• PC Device Stage• Nitro Pro• Evernote®• Skype™• Microsoft® Office preloaded; purchase a product key to activate• Norton™ Internet Security (30 days of virus definitions)				
Graphics	Intel HD Graphics 4400 in processor, supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@30Hz (DP via mDP cable); 1920x1200@60Hz (VGA)								Some: Windows 8 / 8.1 64-bit Some: Windows 8 / 8.1 Pro 64-bit <ul style="list-style-type: none">• Lenovo Solution Center• Lenovo Support• Lenovo Companion• ThinkVantage System Update• Lenovo Reach (Windows 8.1 model)• Hightail - Metro (Windows 8.1 model)• Lenovo Cloud Storage by SugarSync• Nitro Pro• Evernote• Skype• Rara Streaming• Norton Studio• Microsoft Office preloaded; purchase a product key to activate• Norton Internet Security (30 days of virus definitions)				
Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch												
ThinkLight™	None												
Dimensions ³	12.5W" (WxDxH): 12.0" x 8.21" x 0.78"; 305.5mm x 208.5mm x 19.9mm 12.5W" MultiTouch (WxDxH): 12.0" x 8.21" x 0.85"; 305.5mm x 208.5mm x 21.5mm												
Weight ²	Models	No + 3-cell	No + 6-cell	3-cell + 3-cell	3-cell + 6-cell								
	Non-MultiTouch	2.88 lb / 1.31kg	3.23 lb / 1.47kg	3.13 lb / 1.42kg	3.48 lb / 1.58kg								
	MultiTouch	-	-	3.29 lb / 1.49kg	3.64 lb / 1.65kg								
Case material	Glass-Fiber Reinforced Plastic												
Internal battery	Optional: Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication												
External battery	Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication												
Max battery life ¹⁰	Battery configuration	3-cell + 3-cell	3-cell + 6-cell	47.5Wh	3-cell + 6-cell	72Wh							
	Battery life	8.7 hr	13.1 hr		17.4 hr								
AC adapter	45-watt AC adapter												
Chipset	Intel SoC (System on Chip) platform												
Smart card reader	Optional: Smart card reader, exclusive with M.2 SSD												
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)												
Ports	Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector												
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / dual array mic, combo audio/mic jack												
									Mil-Spec test MIL-STD-810G military certification				
									Environment EPEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant				

Model	20AL007N++
Product	X240
Region	WE
Machine Type	20AL
TopSeller	TopSeller
Processor	i7-4600U (2C, 2.1 / 3.3GHz, 4MB, 1600MHz)
vPro	vPro
Graphics	Intel HD Graphics 4400
Memory	8GBx1
Display	12.5" HD (1366x768) IPS
Multi-touch	None
Storage	256GB SSD eDrive
Optical	None
WLAN &Bluetooth	Intel 7260 ac + BT4.0
WWAN / M.2 SSD	Ericsson N5321
SIM Card	Selectable
Smart Card Reader / M.2 SSD	Smart Card Reader
Camera	720p
Backlit Keyboard	Backlit Keyboard
Fingerprint Reader	Fingerprint Reader
NFC	None
Battery Cells (internal + external)	3-cell (23.5Wh) + 3-cell (23.5Wh)
Power Adapter (watt)	45W
Preload	Windows 8 DG Windows 7 Pro 64
Base Warranty	3-year onsite
Global	No
Ann Date (mm/yy)	10/13

