

ThinkPad T440p Platform Specifications

Product Specifications Reference (PSREF)

Positioning	<i>Mainstream performance; two spindles</i>							Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor							Chipset	Mobile Intel QM87 Express Chipset
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	
	i3-4000M	2	4	2.4 GHz	-	3MB	DDR3L-1600	Intel HD Graphics 4600	
	i3-4100M			2.5 GHz	-	3MB			
	i5-4200M			2.5 GHz	3.1 GHz	3MB			
	i5-4210M			2.6 GHz	3.2 GHz	3MB			
	i5-4300M			2.6 GHz	3.3 GHz	3MB			
	i5-4330M	2.8 GHz	3.5 GHz	3MB					
	i7-4600M	2.9 GHz	3.6 GHz	4MB					
	i7-4700MQ	4	8	2.4 GHz	3.4 GHz	6MB			
i7-4710MQ	2.5 GHz			3.5 GHz	6MB				
i7-4800MQ	2.7 GHz			3.7 GHz	6MB				
i7-4810MQ	2.8 GHz			3.8 GHz	6MB				
i7-4900MQ	2.8 GHz			3.8 GHz	8MB				
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets							Smart card reader	<i>Optional:</i> Smart card reader
Optical Ultrabay	DVD burner, 9.5mm Ultrabay slim, removable One modular bay for removable devices (right side, cold swap), 9.5mm high, bottom access							Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Storage	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive (HDD) / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™							Ports	Two USB 3.0, two USB 2.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector
M.2 SSD	<i>All:</i> removable, upgradable, supports the second disk, Shock Mounted <i>Some:</i> M.2 Solid State Drive (SSD), via M.2 card slot, exclusive with WWAN card							WWAN ⁴	<i>One of the following, configurable by model:</i> <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
Widescreen display	<i>Some:</i> 14.0" (355mm) HD (1366x768) , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio <i>Some:</i> 14.0" (355mm) FHD (1920x1080) , anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS							WWAN (optional)	<i>One of the following, configurable by model (mutually exclusive with M.2 SSD):</i> <ul style="list-style-type: none"> Wireless WAN upgradable 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)
Camera (optional)	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus							SIM card (optional)	<i>One of the following, configurable by model:</i> <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
Graphics	Intel HD Graphics 4600 in processor only, or Intel HD Graphics 4600 in processor and NVIDIA GeForce® GT 730M , PCI Express® x8, 1GB memory, NVIDIA® Optimus™ technology; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; <i>Max resolution:</i> 1920x1200@60Hz (VGA); 3840x2160@60Hz (DP via mDP cable)							Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch							Ethernet	Intel Ethernet Connection I217-LM (Clarkville)
ThinkLight™	None							NFC	<i>Optional:</i> Near Field Communication
Dimensions ³ Weight ²	14.0W" (WxDxH): 13.2" x 9.02" x 1.10-1.18"; 335mm x 229.1mm x 27.9-29.95mm							Security	Power-on password, hard disk password, supervisor password, security keyhole
Case material	<i>Models</i>		<i>6-cell</i>		<i>9-cell</i>		Security chip	Trusted Platform Module, TCG 1.2-compliant	
	<i>Integrated</i>		4.70 lb / 2.14kg		4.92 lb / 2.23kg		vPro (optional)	Intel vPro Technology	
	<i>Optimus</i>		4.77 lb / 2.16kg		5.10 lb / 2.31kg		Fingerprint reader	<i>Optional:</i> Fingerprint reader on the keyboard bezel, swipe sensor	
Battery type	Li-Ion 6-cell (56Wh) or 9-cell (99.9Wh), HW Authentication							Limited warranty ¹²	<i>One of the following, configurable by model:</i> <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)
Max battery life ¹⁰	<i>Models</i>		<i>6-cell</i>		<i>9-cell</i>		Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64 <ul style="list-style-type: none"> Lenovo Solution Center ThinkVantage Product Recovery Rescue and Recovery™ ThinkVantage System Update Lenovo Cloud Storage by SugarSync PC Device Stage Adobe® Reader® Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security (30 days of virus definitions) Cyberlink PowerDVD (DVD±RW) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) 	
AC adapter	<i>Models</i>		<i>dual-core</i>		<i>quad-core</i>		Mil-Spec test	MIL-STD-810G military certification	
	<i>Integrated</i>		65-watt		90-watt		Environment	PEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant	
	<i>Optimus</i>		90-watt		135-watt				

Model	20AN00E4++
Product	T440p
Region	WE
Machine Type	20AN
TopSeller	TopSeller
Processor	i5-4210M (2C, 2.6 / 3.2GHz, 3MB, 1600MHz)
vPro	No
Graphics	Intel HD Graphics 4600
Memory	4GBx1
Display	14" HD+ (1600x900)
Storage	256GB SSD eDrive
Optical	DVD±RW
WLAN &Bluetooth	Intel 7260 ac + BT4.0
WWAN / M.2 SSD	Sierra EM7345
SIM Card	Selectable
Smart Card Reader	Smart Card Reader
Camera	720p
Backlit Keyboard	Backlit Keyboard
Fingerprint Reader	Fingerprint Reader
NFC	None
Battery Cells	6-cell (56Wh)
Power Adapter (watt)	65W
Preload	Windows 10 DG Windows 7 Pro 64
Base Warranty	3-year onsite
Global	No
Ann Date (mm/yy)	08/15

