

ThinkPad T440 Platform Specifications

Positioning	Mainstream Ultrabook™ or Thinbook™; one spindle							
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor							
	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
	i3-4030U			1.9 GHz	-	3MB		
	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		
	i7-4500U			1.8 GHz	3 GHz	4MB		
	i7-4600U			2.1 GHz	3.3 GHz	4MB		
Memory	8GB or 12GB* max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable*, 4GB memory soldered to systemboard on selected models, one 204-pin SO-DIMM socket (*for the models with 4GB on-board memory)							
Optical Storage	None Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ Some: SSHD with 8GB NAND flash memory							
M.2 SSD	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							
Widescreen display	Some: 14.0" (355mm) HD (1366x768) , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 350:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio							
Multi-touch Camera	Some: Capacitive-type multi-touch, supports 10-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus							
Graphics	Intel HD Graphics 4400 in processor only, or Intel HD Graphics 4400 in processor and NVIDIA GeForce® GT 720M , PCI Express® x8, 1GB memory, NVIDIA® Optimus™ technology; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max external resolution: 1920x1200@60Hz (VGA); 3840x2160@30Hz (DisplayPort via Mini DisplayPort cable on integrated models); 2560x1600@60Hz (DisplayPort via Mini DisplayPort cable on optimus models)							
Dimensions ³	14.0W" (WxDxH): 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm 14.0W" MultiTouch (WxDxH): 13.35" x 9.15" x 0.91"; 339mm x 232.5mm x 23mm							
Weight ²	Models	3-cell + 3-cell			3-cell + 6-cell			
	Integrated Non-MultiTouch	3.79 lb / 1.72kg			4.10 lb / 1.86kg			
	Integrated MultiTouch	4.03 lb / 1.83kg			4.33 lb / 1.97kg			
	Optimus Non-MultiTouch	3.73 lb / 1.69kg			4.04 lb / 1.83kg			
	Optimus MultiTouch	3.97 lb / 1.80kg			4.33 lb / 1.97kg			
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	Models	3-cell + 3-cell			3-cell + 6-cell 47.5Wh		3-cell + 6-cell 72Wh	
	Integrated	8.6 hr			12.9 hr		17.2 hr	
	Optimus	7.7 hr			11.6 hr		15.4 hr	
AC adapter	Integrated models: 45-watt AC adapter; Optimus models: 65-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, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)							
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack							

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
WLAN ⁴	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> • Think ad 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
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)
SIM card (optional)	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> • T&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
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I218-V (Clarkville) <i>vPro model:</i> Intel Ethernet Connection I218-LM (Clarkville)
NFC	<i>Optional:</i> Near Field Communication
Security Security chip vPro (optional)	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Intel vPro Technology
Fingerprint reader	<i>Optional:</i> Fingerprint reader on the keyboard bezel, swipe sensor
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-ear/1-yr battery limited onsite service²⁴ • 3-ear/1-yr battery limited onsite service, OID (Onsite International Delivery)
Preload	<div> <div> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit <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® • Nitro Pro • E ernote® • Skyp™ • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions) </div> <div> <i>Some:</i> Windows 8 / 8.1 64-bit <i>Some:</i> 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 - Metro (Windows 8 model) • Lenovo Cloud Storage by SugarSync (Windows 8 model) • PC Device Stage • Accu eather • Amazon Kindle • Nitro Pro • E ernote • Skyp • Raa Streaming • No ton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions) </div> </div>
Mil-Spec test	MIL-STD-810G military certification
Environment	EPEAT™ Gold (US) or EPEAT Silver (WE); ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant