

ThinkPad T440 Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Mainstream Ultrabook™ or Thinbook; one spindle							Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch	
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor							ThinkLight™	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics	WLAN 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 	
	i3-4010U	2	4	1.7 GHz	-	3MB	DDR3L-1600	Intel HD graphics 4400	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) 	
	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)								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
Optical Storage	None <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ <i>Some:</i> SSHD with 8GB NAND flash memory							Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
M.2 SSD	<i>Some:</i> Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader <i>Some:</i> Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card							Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I218-V (Clarkville) <i>vPro model:</i> Intel Ethernet Connection I218-LM (Clarkville) <i>Optional:</i> Near Field Communication	
Widescreen display	<i>Some:</i> 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 350:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio							NFC	<i>Optional:</i> Near Field Communication	
Multi-touch Camera	<i>Some:</i> Capacitive-type multi-touch, supports 10-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus							Security chip	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant	
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; <i>Max external resolution:</i> 1920x1200@60Hz (VGA); 3840x2160@30Hz (DisplayPort via Mini DisplayPort cable on integrated models); 2560x1600@60Hz (DisplayPort via Mini DisplayPort cable on optimus models)							vPro (optional)	Intel vPro Technology	
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							Fingerprint reader	<i>Optional:</i> Fingerprint reader on the keyboard bezel, swipe sensor	
Weight ²	Models	3-cell + 3-cell		3-cell + 6-cell				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) 		
	Integrated Non-MultiTouch	3.79 lb / 1.72kg		4.10 lb / 1.86kg				Preload		
	Integrated MultiTouch	4.03 lb / 1.83kg		4.33 lb / 1.97kg				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 Lenovo Solution Center ThinkVantage Product Recovery Rescue and Recovery™ ThinkVantage System Update Lenovo Cloud Storage by SugarSync PC Device Stage Adobe® Reader® Nitro Pro Evernote® Skype™ Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security (30 days of virus definitions) 		
	Optimus Non-MultiTouch	3.73 lb / 1.69kg		4.04 lb / 1.83kg				<ul style="list-style-type: none"> Windows 8 / 8.1 64-bit Some: Windows 8 / 8.1 Pro 64-bit 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 AccuWeather Amazon Kindle 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) 		
	Optimus MultiTouch	3.97 lb / 1.80kg		4.33 lb / 1.97kg						
	Case material	Glass-Fiber Reinforced Plastic								
Internal battery	<i>Optional:</i> 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	<i>Optional:</i> 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							Mil-Spec test	MIL-STD-810G military certification	
								Environment	EPEAT™ Gold (US) or EPEAT Silver (WE); ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant	