ThinkPad T440p Platform Specifications

Positioning	*Mainstream performance; two spindles*
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
i3-4000M			2.4 GHz	-	3MB		
i3-4100M			2.5 GHz	-	3MB		
i5-4200M			2.5 GHz	3.1 GHz	3MB		
i5-4210M	2	4	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	DDR3L-1600	Intel HD Graphics 4600
i7-4600M			2.9 GHz	3.6 GHz	4MB		
i7-4700MQ			2.4 GHz	3.4 GHz	6MB		
i7-4710MQ			2.5 GHz	3.5 GHz	6MB		
i7-4800MQ	4	8	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
Optical Ultrabay	DVD burner, 9.5mm Ultrabay slim, removable One modular bay for removable devices (right side, cold swap), 9.5mm high, bottom access
Storage	*Some:* Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high *Some:* Hard Disk Drive (HDD) / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™ *All:* removable, upgradable, supports the second disk, Shock Mounted
M.2 SSD	*Some:* M.2 Solid State Drive (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, 300:1 contrast ratio *Some:* 14.0" (355mm) **HD+ (1600x900)**, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio *Some:* 14.0" (355mm) **FHD (1920x1080)**, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, **IPS**
Camera *(optional)*	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus
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; *Max resolution:* 1920x1200@60Hz (VGA); 3840x2160@60Hz (DP via mDP cable)
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] Weight[2]	*14.0W" (WxDxH):* 13.2" x 9.02" x 1.10-1.18"; 335mm x 229.1mm x 27.9-29.95mm

Models	6-cell	9-cell
Integrated	4.70 lb / 2.14kg	4.92 lb / 2.23kg
Optimus	4.77 lb / 2.16kg	5.10 lb / 2.31kg

Case material	*Display cover:* Glass-Fiber Reinforced Plastic; *Bottom:* Carbon-Fiber Reinforced Plastic
Battery type Max battery life[10]	Li-Ion 6-cell *(56Wh)* or 9-cell *(99.9Wh)*, HW Authentication

Models	6-cell	9-cell
Integrated	7.4 hr	13.2 hr
Optimus	7.2 hr	12.7 hr

AC adapter		
Models	*dual-core*	*quad-core*
Integrated	65-watt	90-watt
Optimus	90-watt	135-watt

Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack
Chipset	**Mobile Intel QM87 Express Chipset**
Smart card reader	*Optional:* Smart card reader
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 3.0, two USB 2.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector
WLAN[4]	*One of the following, configurable by model:* • 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
WWAN *(optional)*	*One of the following, configurable by model (mutually exclusive with M.2 SSD):* • 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)*	*One of the following, configurable by model:* • 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
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet	Intel Ethernet Connection I217-LM (Clarkville)
NFC	*Optional:* Near Field Communication
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, TCG 1.2-compliant
vPro *(optional)*	Intel vPro Technology
Fingerprint reader	*Optional:* Fingerprint reader on the keyboard bezel, swipe sensor
Limited warranty[12]	*One of the following, configurable by model:* • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service[24] • 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)
Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit or Windows 10 Pro 64 • 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) *Some:* Windows 8 / 8.1 64-bit *Some:* Windows 8 / 8.1 Pro 64-bit *Some:* Windows 10 Pro 64 • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Lenovo Companion • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions, Win8 w/o i5/i7 model) • McAfee® LiveSafe™ (30-day trial, Win8 i5/i7 and Win10 model)
Mil-Spec test	MIL-STD-810G military certification
Environment	EPEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant