

# ThinkPad T460p Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i5 / i7 Processor							Smart card reader <i>Optional</i> : Smart card reader															
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)													
	i5-6300HQ	4	4	2.3 GHz	3.2 GHz	6MB	DDR4-2133	Intel HD Graphics 530	Ports	Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector													
	i5-6440HQ			2.6 GHz	3.5 GHz				Audio support	HD720p resolution, low light sensitive, fixed focus HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack													
	i7-6700HQ			2.6 GHz	3.5 GHz	6MB			Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlight													
	i7-6820HQ			2.7 GHz	3.6 GHz	8MB				UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad												
Graphics	Intel HD Graphics 530 in processor only, or Intel HD Graphics 530 in processor and NVIDIA GeForce® 940MX, 2GB memory; supports external digital monitor via HDMI or Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160 @60Hz (DisplayPort via Mini DisplayPort cable); 4096x2160 @24Hz (HDMI)							Security	Power-on password, hard disk password, supervisor password, security keyhole														
Chipset	Mobile Intel QM170 Chipset							Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset														
Memory	32GB max <sup>7</sup> / 2133MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets							ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures														
Display	<i>Some</i> : 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle <i>Some</i> : 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 or 800:1 contrast ratio, 160° viewing angle							vPro <i>(optional)</i>	Intel vPro Technology														
Multi-touch	None							Fingerprint reader	<i>Optional</i> : Touch style fingerprint reader on the keyboard bezel														
Storage	<i>Some</i> : SSD / SATA 6.0Gb/s (e.g. xxxG SSD) <i>Some</i> : SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe) <i>Some</i> : HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Shock Mounted Hard Drive, Active Protection System™							Battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)														
Optical	None							Max battery life <sup>10</sup>	<table border="1"> <thead> <tr> <th>Models</th> <th>3-cell</th> <th>6-cell 48Wh</th> <th>6-cell 72Wh</th> </tr> </thead> <tbody> <tr> <td><i>Integrated model</i></td> <td>4.34 hr</td> <td>8.58 hr</td> <td>13 hr</td> </tr> <tr> <td><i>discrete model</i></td> <td>4.1 hr</td> <td>8.5 hr</td> <td>13 hr</td> </tr> </tbody> </table>			Models	3-cell	6-cell 48Wh	6-cell 72Wh	<i>Integrated model</i>	4.34 hr	8.58 hr	13 hr	<i>discrete model</i>	4.1 hr	8.5 hr	13 hr
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Ethernet	Intel Ethernet Connection I219-LM (Jacksonville)							AC adapter	90W or 135W AC adapter														
WLAN <sup>4</sup>	<i>One of the following, configurable by model:</i> • 11ac+BT, Broadcom BCM4356, 2x2, M.2 card • 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card							Preload	Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo Companion • Lenovo Setting • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)														
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Limited warranty <sup>12</sup>	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service <sup>24</sup> • 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)														
WWAN <i>(optional)</i>	<i>One of the following, configurable by model:</i> • Wireless WAN upgradable • Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card • Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)							Mil-Spec test	MIL-STD-810G military certification														
SIM card <i>(opt)</i>	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card							Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant														
Dimensions <sup>3</sup>	WxDxH: 13.54" x 9.41" x 0.96"; 344mm x 239mm x 24.4mm																						
Weight <sup>2</sup>	Models		3-cell		6-cell																		
	<i>Integrated model</i>		3.99 lb / 1.81 kg		4.70 lb / 2.13 kg																		
	<i>discrete model</i>		4.04 lb / 1.83 kg		4.75 lb / 2.15 kg																		
Case material	<i>Display cover</i> : PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic; <i>Bottom</i> : Magnesium alloy																						