

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				Camera (<i>optional</i>)	HD720p resolution, low light sensitive, fixed focus															
	i7-6700HQ		8	2.6 GHz	3.5 GHz	6MB			Audio support	HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack															
i7-6820HQ	2.7 GHz			3.6 GHz	8MB	Keyboard UltraNav™			6-row, spill-resistant, multimedia Fn keys, LED backlight 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: 4096x2304@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 32GB max ⁷ / 2133MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset															
									ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures															
Memory									vPro (<i>optional</i>)	Intel vPro Technology															
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								Fingerprint reader	<i>Optional</i> : Touch style fingerprint reader on the keyboard bezel															
Multi-touch	None								Battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)															
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™								Max battery life ¹⁰ (MobileMark® 2014)	<table><tr><td><i>Models</i></td><td><i>3-cell</i></td><td><i>6-cell 48Wh</i></td><td><i>6-cell 72Wh</i></td></tr><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></table>				<i>Models</i>	<i>3-cell</i>	<i>6-cell 48Wh</i>	<i>6-cell 72Wh</i>	<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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Optical	None								AC adapter	90W or 135W AC adapter															
Ethernet	Intel Ethernet Connection I219-LM (Jacksonville)								Preload	Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64		Windows 10 Pro 64													
WLAN ⁴	<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								• Lenovo Solution Center • 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)		• Lenovo Companion • Lenovo Setting • 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																								
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)								Limited warranty ¹² <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 ²⁴ • 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)																
SIM card (<i>opt</i>)	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								Mil-Spec test MIL-STD-810G military certification																
Dimensions ³	<i>WxDxH</i> : 13.54" x 9.41" x 0.96"; 344mm x 239mm x 24.4mm								Environment EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant																
Weight ²																									
	<i>Models</i>		<i>3-cell</i>		<i>6-cell</i>																				
	<i>Integrated model</i>		3.99 lb / 1.81 kg		4.70 lb / 2.13 kg																				
Case material	<i>discrete model</i>		4.04 lb / 1.83 kg		4.75 lb / 2.15 kg																				
	<i>Display cover</i> : PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic; <i>Bottom</i> : Magnesium alloy																								