

ThinkPad T460p Platform Specifications

Product Specifications Reference (PSREF)

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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 Audio support 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																			
i7-6820HQ	8		2.7 GHz	3.6 GHz	8MB																			
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	Trusted Platform Module, TCG 1.2-compliant														
									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 (<i>MobileMark® 2014</i>)	<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 Solution Center • 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									• Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)														
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 service²⁴ • 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	<table><tr><td><i>Models</i></td><td><i>3-cell</i></td><td><i>6-cell</i></td></tr><tr><td><i>Integrated model</i></td><td>3.99 lb / 1.81 kg</td><td>4.70 lb / 2.13 kg</td></tr><tr><td><i>discrete model</i></td><td>4.04 lb / 1.83 kg</td><td>4.75 lb / 2.15 kg</td></tr></table>								<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	<i>discrete model</i>	4.04 lb / 1.83 kg	4.75 lb / 2.15 kg							
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Case material	Display cover: PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic; Bottom: Magnesium alloy																							