

# 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 Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Ports Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector 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 Keyboard 6-row, spill-resistant, multimedia Fn keys, LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	
	i5-6300HQ	4	4	2.3 GHz	3.2 GHz	6MB	DDR4-2133	Intel HD Graphics 530	
	i5-6440HQ			2.6 GHz	3.5 GHz				
	i7-6700HQ			8	2.6 GHz	3.5 GHz			
i7-6820HQ	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)								
Chipset	Mobile Intel QM170 Chipset								
Memory	32GB max <sup>7</sup> / 2133MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								
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								
Multi-touch	None								
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™								
Optical	None								
Ethernet	Intel Ethernet Connection I219-LM (Jacksonville)								
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								
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)								
SIM card ( <i>opt</i> )	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								
Dimensions <sup>3</sup>	<i>WxDxH:</i> 13.54" x 9.41" x 0.96"; 344mm x 239mm x 24.4mm								
Weight <sup>2</sup>	<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				
Case material	<i>Display cover:</i> PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic; <i>Bottom:</i> Magnesium alloy								
Battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)								
Max battery life <sup>10</sup> ( <i>MobileMark® 2014</i> )	<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		
AC adapter	90W or 135W AC adapter								
Preload	Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64								
	<ul style="list-style-type: none"> <li>• Lenovo Solution Center</li> <li>• Lenovo Companion</li> <li>• Lenovo Setting</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> </ul>								
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)								
Mil-Spec test	MIL-STD-810G military certification								
Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant								

<b>Model</b>	<b>20FX0040++</b>
Product	ThinkPad T460p
Region	EMEA
Machine Type	20FX
TopSeller	No
Processor	Core i7-6820HQ (4C, 2.7 / 3.6GHz, 8MB)
vPro	vPro
Graphics	NVIDIA GeForce 940MX 2GB
Chipset	Intel QM170
Memory	8GBx1
Display	14" WQHD (2560x1440) IPS
Multi-touch	None
Storage	256GB SSD Opal2
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	Sierra EM7455
SIM Card	None
Smart Card Reader	Smart Card Reader
Camera	720p
Keyboard	Backlit
Fingerprint Reader	Fingerprint Reader
Battery	6-cell (72Wh)
Power Adapter	135W
Operating System	Windows 10 DG Windows 7 Pro 64
Warranty	3-year, Onsite
Global	No
Ann Date (mm/yy)	03/16







