

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		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	8		2.7 GHz	3.6 GHz	8MB	Keyboard			6-row, spill-resistant, multimedia Fn keys, LED backlight																
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)								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad															
									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															
									ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures															
Memory	32GB max ⁷ / 2133MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								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															
									Battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)															
									Max battery life ¹⁰ (MobileMark® 2014)	<table><tr><td>Models</td><td>3-cell</td><td>6-cell 48Wh</td><td>6-cell 72Wh</td></tr><tr><td>Integrated model</td><td>4.34 hr</td><td>8.58 hr</td><td>13 hr</td></tr><tr><td>discrete model</td><td>4.1 hr</td><td>8.5 hr</td><td>13 hr</td></tr></table>				Models	3-cell	6-cell 48Wh	6-cell 72Wh	Integrated model	4.34 hr	8.58 hr	13 hr	discrete model	4.1 hr	8.5 hr	13 hr
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Integrated model	4.34 hr	8.58 hr	13 hr																						
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AC adapter	90W or 135W AC adapter																								
Multi-touch	None								Preload	Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64	Windows 10 Pro 64														
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™								• Lenovo Solution Center			• Lenovo Companion													
									• Lenovo Solution Center			• Lenovo Setting													
Optical	None								• ThinkVantage Product Recovery			• Microsoft Office preloaded; purchase a product key to activate													
Ethernet	Intel Ethernet Connection I219-LM (Jacksonville)								• Rescue and Recovery™			• McAfee® LiveSafe™ (30-day trial)													
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								• ThinkVantage System Update																
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								• Adobe® Reader®																
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) Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								• Microsoft® Office preloaded; purchase a product key to activate																
									• McAfee® LiveSafe™ (30-day trial)																
SIM card (<i>opt</i>)	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								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)															
									Mil-Spec test	MIL-STD-810G military certification															
Dimensions ³	WxDxH: 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>Models</td><td>3-cell</td><td>6-cell</td></tr><tr><td>Integrated model</td><td>3.99 lb / 1.81 kg</td><td>4.70 lb / 2.13 kg</td></tr><tr><td>discrete model</td><td>4.04 lb / 1.83 kg</td><td>4.75 lb / 2.15 kg</td></tr></table>								Models	3-cell	6-cell	Integrated model	3.99 lb / 1.81 kg	4.70 lb / 2.13 kg	discrete model	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																								

Model	20FW003K++
Product	ThinkPad T460p
Region	EMEA
Machine Type	20FW
TopSeller	TopSeller
Processor	Core i7-6820HQ (4C, 2.7 / 3.6GHz, 8MB)
vPro	vPro
Graphics	NVIDIA GeForce 940MX 2GB
Chipset	Intel QM170
Memory	16GBx1
Display	14" WQHD (2560x1440) IPS
Multi-touch	None
Storage	512GB SSD Opal2
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	HUAWEI ME906S
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 Pro 64
Warranty	3-year, Onsite
Global	No
Ann Date (mm/yy)	05/16







