

ThinkPad T470p Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 / i7 Processor							Dimensions <i>FHD (WxDxH):</i> 13.35" x 9.25" x 0.94"; 339mm x 235mm x 24mm <i>WQHD (WxDxH):</i> 13.35" x 9.25" x 0.96"; 339mm x 235mm x 24.4mm										
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types		Weight <table border="1"> <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>3.83 lb / 1.74 kg</td> <td>4.16 lb / 1.89 kg</td> </tr> <tr> <td><i>discrete model</i></td> <td>4.01 lb / 1.82 kg</td> <td>4.33 lb / 1.96 kg</td> </tr> </table>	<i>Models</i>	<i>3-cell</i>	<i>6-cell</i>	<i>Integrated model</i>	3.83 lb / 1.74 kg	4.16 lb / 1.89 kg	<i>discrete model</i>	4.01 lb / 1.82 kg	4.33 lb / 1.96 kg
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i5-7300HQ	4	4	2.5 GHz	3.5 GHz	6MB	DDR4-2400	Intel HD Graphics 630											
i5-7440HQ			2.8 GHz	3.8 GHz	6MB													
i7-7700HQ		8	2.8 GHz	3.8 GHz	6MB													
i7-7820HQ			2.9 GHz	3.9 GHz	8MB													
Graphics	Intel HD Graphics 630 in processor only, or Intel HD Graphics 630 in processor and NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 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)							Case color Case material										
Chipset	Mobile Intel QM175 Chipset							Smart card reader										
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets							Media reader										
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 contrast ratio, 160° viewing angle							Ports										
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)							Monitor cable (optional)										
Storage	<i>System has one HDD slot or one M.2 2280 slot exclusively for storage</i> <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™ <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s <i>Some:</i> 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN							Camera										
Optical	None							Audio support										
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)							Keyboard										
WLAN	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 							UltraNav™										
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS							Security										
WWAN (optional)	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> Wireless WAN upgradable Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card 							Security chip										
SIM card (opt)	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card							vPro (optional)										
								Fingerprint reader										
								NFC										
								Battery										
								Max battery life										
								AC adapter										
								Preload										
								Limited warranty										
								Mil-Spec test										
								Environment										