

# ThinkPad T470s Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i5 / i7 Processor							Dimensions Weight Case color Case material	<i>WxDxH:</i> 13.03" x 8.93" x 0.67-0.74"; 331mm x 226.8mm x 16.9-18.8mm Starting at 2.9 lb (1.32kg) Black or Silver <i>Display cover:</i> CFRP Hybrid; <i>Bottom:</i> Magnesium	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types			Processor Graphics
	i5-6300U	2	4	2.4 GHz	3.0 GHz	3MB	DDR4-2133			Intel HD Graphics 520
	i7-6600U			2.6 GHz	3.4 GHz	4MB				
or 7th Generation Intel Core i5 / i7 Processor							Smart card reader Media reader Ports	<i>Optional:</i> Smart card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.1 Gen 1 (USB 3.0, one Always On), USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet (RJ-45), Dock connector ThinkPad WiGig dock, mutually exclusive with WWAN <i>HDMI to VGA:</i> Lenovo HDMI to VGA Monitor Adapter <i>USB-C to VGA:</i> Lenovo USB-C to VGA Adapter		
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types			Processor Graphics	
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133			Intel HD Graphics 620	
i5-7300U			2.6 GHz	3.5 GHz	3MB					
i7-7500U			2.7 GHz	3.5 GHz	4MB					
i7-7600U			2.8 GHz	3.9 GHz	4MB					
Graphics	Intel HD Graphics 520 or 620 in processor; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)							Camera ( <i>optional</i> ) Audio support	HD720p resolution, fixed focus (models without camera are unavailable in EMEA) HD Audio, Realtek® ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack	
	Chipset	Intel SoC (System on Chip) platform 20GB or 24GB max <sup>7</sup> / 2400MHz DDR4, dual-channel capable, 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket * System clocks down for processors with lower memory controller								
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Display	<i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 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 On-cell touch, supports 10-finger gesture, 250 nits (FHD only)									
Multi-touch ( <i>opt</i> )	On-cell touch, supports 10-finger gesture, 250 nits (FHD only)							Security Security chip vPro ( <i>optional</i> ) Fingerprint reader NFC ( <i>optional</i> )	Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified Intel vPro Technology <i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest Near Field Communication	
Storage	<i>Some:</i> M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe) None									
Optical	None							Internal battery Max battery life AC adapter	Front Li-Polymer 3-cell (23Wh) and rear Li-Ion 3-cell (26Wh), both Integrated <i>MobileMark® 2014:</i> up to 10.5 hr 45W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter	
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)									
WLAN	<i>One of the following, configurable by model (WiGig is mutually exclusive with WWAN):</i> <ul style="list-style-type: none"> <li>Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card</li> <li>Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card</li> <li>Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card</li> </ul>							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 PowerEngage</li> <li>ThinkVantage Product Recovery</li> <li>ThinkVantage System Update</li> <li>Adobe® Reader®</li> <li>Microsoft® Office preloaded; purchase a product key to activate</li> <li>McAfee® LiveSafe™ (30-day trial)</li> </ul>	
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS									
WWAN ( <i>optional</i> )	<i>One of the following, configurable by model (mutually exclusive with WiGig):</i> <ul style="list-style-type: none"> <li>Wireless WAN upgradable</li> <li>Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card</li> <li>Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card</li> </ul>							Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>3-year/1-yr battery depot repair service</li> <li>3-year/1-yr battery limited onsite service</li> </ul>	
SIM card ( <i>opt</i> )	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card									
Mil-Spec test								MIL-STD-810G military certification		
Environment								EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant		

<b>Model</b>	<b>20HF0003++</b>
Product	ThinkPad T470s
Region	EMEA
Machine Type	20HF
TopSeller	TopSeller
Processor	Core i5-7200U (2C, 2.5 / 3.1GHz, 3MB)
vPro	No
Graphics	Integrated Intel HD Graphics 620
Memory	4GB Soldered + 4GB DIMM
Display	14" FHD (1920x1080) IPS
Multi-touch	10-point Multi-touch
Storage	512GB SSD M.2 PCIe NVMe Opal2
Optical	None
WLAN + Bluetooth	Intel 8265 ac, 2x2 + BT4.1
WWAN	Sierra EM7455
SIM Card	Lenovo Connect
Smart Card Reader	Smart Card Reader
Dock	None
Monitor Cable	None
Color	Black
Camera	720p
Keyboard	Backlit
Fingerprint Reader	Fingerprint Reader
NFC	None
TPM	dTPM 2.0
Battery	3-cell (23Wh) + 3-cell (26Wh)
Power Adapter	45W
Operating System	Windows 10 Pro 64
Warranty	3-year, Onsite
End of Support	Mar 14, 2023
Ann Date (mm/yy)	02/17





