

# ThinkPad T570 20JW000E++

**Region**  
EMEA

**Machine Type**  
20JW

**TopSeller**  
TopSeller

**Processor**  
Core i5-6200U (2C, 2.3 / 2.8GHz, 3MB)

**vPro**  
No

**Graphics**  
Integrated Intel HD Graphics 520

**Memory**  
8GBx1

**Display**  
15.6" FHD (1920x1080) IPS

**Multi-touch**  
None

**Storage**  
256GB SSD M.2 PCIe NVMe Opal2

**Optical**  
None

**WLAN + Bluetooth**  
Intel 8260 ac, 2x2 + BT4.1

**WWAN**  
Sierra EM7455

**SIM Card**  
None

**Smart Card Reader**  
Smart Card Reader

**Dock**  
None

**Monitor Cable**  
None

**Camera**  
720p

**Keyboard**  
Backlit

**Fingerprint Reader**  
Fingerprint Reader

**NFC**  
None

**TPM**  
dTPM 2.0

**Battery**  
4-cell (32Wh) + 3-cell (24Wh)

**Power Adapter**  
45W

**Operating System**  
Windows 10 DG Windows 7 Pro 64

**Warranty**  
3-year, Onsite

**End of Support**  
Sep 5, 2022

**Ann Date (mm/yy)**  
09/17

**Note:**

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "\*\*\*" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

 [www.lenovo.com](http://www.lenovo.com)

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<http://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2017. All rights reserved.



# ThinkPad T570 Platform Specifications

Product Specifications Reference (PSREF)



Processor	6th Generation Intel® Core™ i5 / i7 Processor								Dimensions Weight Case color Case material	<i>WxDxH:</i> 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm Starting at 4.34 lb / 1.97 kg Black <i>Display cover:</i> Glass-Fiber Reinforced Plastic (PPS); <i>Bottom:</i> Glass-Fiber Reinforced Plastic																	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics																			
	i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520	Smart card reader <i>Optional:</i> Smart card reader Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC), supports SD 3.0, UHS-I Ports 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 WiGig dock ( <i>opt</i> ) ThinkPad WiGig dock (US only) Monitor cable ( <i>optional</i> ) <i>HDMI to VGA:</i> Lenovo HDMI to VGA Monitor Adapter <i>USB-C to VGA:</i> Lenovo USB-C to VGA Adapter Camera ( <i>optional</i> ) <i>720p:</i> HD720p resolution, fixed focus <i>IR &amp; 720p:</i> IR camera and HD720p camera (mutually exclusive with WiGig) Audio support HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack Keyboard 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad Security Security chip vPro ( <i>optional</i> ) Intel vPro Technology Fingerprint reader ( <i>optional</i> ) <i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest NFC ( <i>optional</i> ) Near Field Communication Internal battery <i>Optional:</i> Integrated Li-Polymer 4-cell (32Wh) External battery Li-Polymer 3-cell (24Wh) or Li-Ion 6-cell (48Wh or 72Wh) Max battery life ( <i>MobileMark® 2014</i> ) <table border="1"> <thead> <tr> <th>Models</th> <th>4 + 3-cell</th> <th>6-cell 48Wh</th> <th>6-cell 72Wh</th> <th>4 + 6-cell 48Wh</th> <th>4 + 6-cell 72Wh</th> </tr> </thead> <tbody> <tr> <td><i>Integrated</i></td> <td>13.8 hr</td> <td>12.5 hr</td> <td>18.5 hr</td> <td>20.3 hr</td> <td>27.1 hr</td> </tr> <tr> <td><i>discrete</i></td> <td>13.8 hr</td> <td>12.5 hr</td> <td>18.5 hr</td> <td>20.0 hr</td> <td>26.8 hr</td> </tr> </tbody> </table> AC adapter 45W or 65W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter Preload Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo PowerEngage • ThinkVantage Product Recovery • ThinkVantage System Update • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) Limited warranty <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 Mil-Spec test MIL-STD-810G military certification Environment EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant	Models	4 + 3-cell	6-cell 48Wh	6-cell 72Wh	4 + 6-cell 48Wh	4 + 6-cell 72Wh	<i>Integrated</i>	13.8 hr	12.5 hr	18.5 hr	20.3 hr	27.1 hr	<i>discrete</i>	13.8 hr	12.5 hr	18.5 hr	20.0 hr	26.8 hr
Models	4 + 3-cell			6-cell 48Wh	6-cell 72Wh	4 + 6-cell 48Wh				4 + 6-cell 72Wh																	
<i>Integrated</i>	13.8 hr			12.5 hr	18.5 hr	20.3 hr				27.1 hr																	
<i>discrete</i>	13.8 hr	12.5 hr	18.5 hr	20.0 hr	26.8 hr																						
	i5-6300U			2.4 GHz	3.0 GHz	3MB																					
	i7-6600U			2.6 GHz	3.4 GHz	4MB																					
	or 7th Generation Intel Core i5 / i7 Processor																										
	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 only, or Intel HD Graphics 520 or 620 in processor and NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304@60Hz (USB Type-C); 4096x2160@24Hz (HDMI)																										
Chipset	Intel SoC (System on Chip) platform																										
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller																										
Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle <i>Some:</i> 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 72% gamut, 170° viewing angle																										
Multi-touch ( <i>opt</i> )	On-cell touch, supports 10-finger gesture (FHD only)																										
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 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 and WiGig																										
Optical	None																										
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 can coexist with WWAN):</i> • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8260, 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 • Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, M.2 card																										
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 (WWAN can coexist with WiGig):</i> • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)																										
SIM card ( <i>opt</i> )	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card																										

# ThinkPad T570

