

# ThinkPad T470 Platform Specifications

Product Specifications Reference (PSREF)

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
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| Processor                           | 6th Generation Intel® Core™ i5 / i7 Processor (i7-6500U is not available in EMEA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | 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 |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | i5-6300U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |              | 2.4 GHz        | 3.0 GHz             | 3MB             |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | i7-6500U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |              | 2.5 GHz        | 3.1 GHz             | 4MB             |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | i7-6600U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |              | 2.6 GHz        | 3.4 GHz             | 4MB             |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | or 7th Generation Intel Core i3 / i5 / i7 Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | Processor Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | # of Cores           | # of Threads | Base Frequency | Max Turbo Frequency | Cache           | Memory Types | Processor Graphics    |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | i3-7100U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                    | 4            | 2.4 GHz        | -                   | 3MB             | DDR4-2133    | Intel HD Graphics 620 |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
|                                     | i5-7200U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |              | 2.5 GHz        | 3.1 GHz             | 3MB             |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| 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 620 in processor and NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory (discrete models are NOT available in EMEA); 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<br>* System clocks down for processors with lower memory controller                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Display                             | <i>Some:</i> 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio<br><i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio<br><i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle                                                                                                                                                                                                                          |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Multi-touch (opt)                   | 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><br><i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™<br><i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)<br><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s<br><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)<br><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> <ul style="list-style-type: none"><li>Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card</li><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>                                                                                                                                                                                  |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Bluetooth™                          | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter<br>* Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| WWAN (optional)                     | <i>One of the following, configurable by model (WWAN can coexist 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>Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only)</li></ul>                                                                                                                                                                                                                                                            |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| SIM card (opt)                      | Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Dimensions                          | WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Weight                              | <table><tr><td>Models</td><td>3-cell or 3 + 3-cell</td><td>6-cell or 3 + 6-cell</td></tr><tr><td>Magnesium</td><td>3.49 lb / 1.58 kg</td><td>3.92 lb / 1.78 kg</td></tr><tr><td>PPS</td><td>3.63 lb / 1.65 kg</td><td>4.35 lb / 1.85 kg</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                 |                      |              |                |                     |                 |              |                       | Models | 3-cell or 3 + 3-cell | 6-cell or 3 + 6-cell | Magnesium   | 3.49 lb / 1.58 kg | 3.92 lb / 1.78 kg | PPS             | 3.63 lb / 1.65 kg | 4.35 lb / 1.85 kg |         |         |         |         |         |          |        |         |         |         |         |         |
| Models                              | 3-cell or 3 + 3-cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6-cell or 3 + 6-cell |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Magnesium                           | 3.49 lb / 1.58 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3.92 lb / 1.78 kg    |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| PPS                                 | 3.63 lb / 1.65 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4.35 lb / 1.85 kg    |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Case color                          | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Case material                       | <i>Display cover:</i> Magnesium Hybrid or PPS;<br><i>Bottom:</i> Glass-Fiber Reinforced Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| 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 (opt)                    | ThinkPad WiGig dock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Monitor cable                       | <i>Optional:</i> Lenovo USB-C to VGA Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Camera (optional)                   | <i>720p:</i> HD720p resolution, fixed focus<br><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, optional LED backlight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| UltraNav™                           | TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Security                            | Power-on password, hard disk password, supervisor password, security keyhole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Security chip                       | Discrete TPM 2.0, TCG Certified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| vPro (optional)                     | Intel vPro Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Fingerprint reader                  | <i>Optional:</i> Touch style match on chip fingerprint reader on the keyboard bezel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| NFC (optional)                      | Near Field Communication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Internal battery                    | <i>Optional:</i> Integrated Li-Polymer 3-cell (24Wh)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| External battery                    | Li-Polymer 3-cell (24Wh) or Li-Ion 6-cell (48Wh or 72Wh)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Max battery life (MobileMark® 2014) | <table><tr><td>Models</td><td>3-cell</td><td>3 + 3-cell</td><td>6-cell 48Wh</td><td>6-cell 72Wh</td><td>3 + 6-cell 48Wh</td><td>3 + 6-cell 72Wh</td></tr><tr><td>Integrated</td><td>6.9 hr</td><td>13.9 hr</td><td>13.9 hr</td><td>20.9 hr</td><td>20.9 hr</td><td>27.1 hr</td></tr><tr><td>Discrete</td><td>6.9 hr</td><td>13.9 hr</td><td>14.3 hr</td><td>21.6 hr</td><td>21.2 hr</td><td>28.6 hr</td></tr></table>                                                                                                                                                                                                                     |                      |              |                |                     |                 |              |                       | Models | 3-cell               | 3 + 3-cell           | 6-cell 48Wh | 6-cell 72Wh       | 3 + 6-cell 48Wh   | 3 + 6-cell 72Wh | Integrated        | 6.9 hr            | 13.9 hr | 13.9 hr | 20.9 hr | 20.9 hr | 27.1 hr | Discrete | 6.9 hr | 13.9 hr | 14.3 hr | 21.6 hr | 21.2 hr | 28.6 hr |
| Models                              | 3-cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3 + 3-cell           | 6-cell 48Wh  | 6-cell 72Wh    | 3 + 6-cell 48Wh     | 3 + 6-cell 72Wh |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Integrated                          | 6.9 hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 13.9 hr              | 13.9 hr      | 20.9 hr        | 20.9 hr             | 27.1 hr         |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Discrete                            | 6.9 hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 13.9 hr              | 14.3 hr      | 21.6 hr        | 21.2 hr             | 28.6 hr         |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| 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 <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> <i>Some:</i> Windows 10 Home 64<br><i>Some:</i> Windows 10 Pro 64 <ul style="list-style-type: none"><li>Lenovo Companion</li><li>Lenovo Setting</li><li>Microsoft Office preloaded; purchase a product key to activate</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>                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Mil-Spec test                       | MIL-STD-810G military certification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |
| Environment                         | EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |              |                |                     |                 |              |                       |        |                      |                      |             |                   |                   |                 |                   |                   |         |         |         |         |         |          |        |         |         |         |         |         |

| Model              | 20HD000E++                            |
|--------------------|---------------------------------------|
| Product            | ThinkPad T470                         |
| Region             | EMEA                                  |
| Machine Type       | 20HD                                  |
| TopSeller          | TopSeller                             |
| Processor          | Core i7-7500U (2C, 2.7 / 3.5GHz, 4MB) |
| vPro               | No                                    |
| Graphics           | Integrated Intel HD Graphics 620      |
| Memory             | 8GBx1                                 |
| Display            | 14" FHD (1920x1080) IPS               |
| Multi-touch        | None                                  |
| Storage            | 256GB SSD M.2 PCIe NVMe Opal2         |
| Optical            | None                                  |
| WLAN + Bluetooth   | Intel 8265 ac, 2x2 + BT4.1            |
| WWAN               | WWAN Upgradable                       |
| SIM Card           | None                                  |
| Smart Card Reader  | Smart Card Reader                     |
| Dock               | None                                  |
| Monitor Cable      | None                                  |
| Case Material      | PPS                                   |
| Camera             | 720p                                  |
| Keyboard           | Backlit                               |
| Fingerprint Reader | Fingerprint Reader                    |
| NFC                | None                                  |
| TPM                | dTPM 2.0                              |
| Battery            | 3-cell (24Wh) + 3-cell (24Wh)         |
| Power Adapter      | 45W                                   |
| Operating System   | Windows 10 Pro 64                     |
| Warranty           | 3-year, Onsite                        |
| End of Support     | Apr 14, 2023                          |
| Ann Date (mm/yy)   | 03/17                                 |





