

# ThinkPad T495 Platform Specifications

Product Specifications Reference (PSREF)

|                   |  |            |              |                |                     |                         |                   |                        |        |                          |   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|-------------------|--|------------|--------------|----------------|---------------------|-------------------------|-------------------|------------------------|--------|--------------------------|---|-------------------|-------------------|--|--------------|----------------|-------------|---------------|-------|---------------|----|------------|----------|------|-------|-----|-----|-------|-----------------|-----|------------|--|------|-------|-----|------|-------|------------------------------|-----|------------|----------|------|-------|-----|------|--------------|---------------------|--|--|--|
| Processor         | AMD Ryzen™ PRO Mobile Processors with Radeon™ Vega Graphics  |            |              |                |                     |                         |                   |                        |        | Dimensions<br>Weight     | WxDxH: 12.95" x 8.94" x 0.70"; 329mm x 227mm x 17.9mm   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   | Processor Number   | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache                   | Memory Controller | Processor Graphics     | Models |                          | HD  | FHD               | FHD Low Power     |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   | Ryzen 3 Pro 3300U  | 4          | 4            | 2.1 GHz        | 3.5 GHz             | 2MB L2 / 4MB L3         | DDR4-2400         | Radeon Vega 6 Graphics | Weight |                          | 3.46 lb / 1.57 kg   | 3.46 lb / 1.57 kg | 3.39 lb / 1.54 kg |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   | Ryzen 5 Pro 3500U  | 4          | 8            | 2.1 GHz        | 3.7 GHz             | 2MB L2 / 4MB L3         |                   | Radeon Vega 8 Graphics |        |                          |   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Ryzen 7 Pro 3700U | 4  | 8          | 2.3 GHz      | 4.0 GHz        | 2MB L2 / 4MB L3     | Radeon Vega 10 Graphics |                   |                        |        |                          |   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Graphics          | AMD Radeon Vega 6, Vega 8, or Vega 10 Graphics in processor; supports external digital monitor via USB-C or HDMI; supports four independent displays; Max resolution: 5120x2880@60Hz (USB-C); 4096x2160@60Hz (HDMI)  |            |              |                |                     |                         |                   |                        |        | Case color               | Black   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Chipset<br>Memory | AMD SoC (System on Chip) platform<br>32GB max / 2400MHz DDR4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket<br>* Installed memory is actually 2666MHz but run at 2400MHz due to AMD limitation   |            |              |                |                     |                         |                   |                        |        | Case material            | Display cover: PPS / 50% GF;<br>Bottom: PA / 50% GF   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Smart card reader        | Optional: Smart card reader   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Display           | <table><tr><td>Size</td><td>Resolution</td><td>Type</td><td>Surface</td><td>Brightness</td><td>Aspect Ratio</td><td>Contrast Ratio</td><td>Color Gamut</td><td>Viewing Angle</td></tr><tr><td>14.0"</td><td>HD (1366x768)</td><td>TN</td><td>Anti-glare</td><td>220 nits</td><td>16:9</td><td>400:1</td><td>45%</td><td>90°</td></tr><tr><td>14.0"</td><td>FHD (1920x1080)</td><td>IPS</td><td>Anti-glare</td><td>250 nits (non-touch)<br/>300 nits (multi-touch)</td><td>16:9</td><td>700:1</td><td>45%</td><td>170°</td></tr><tr><td>14.0"</td><td>FHD (1920x1080)<br/>Low Power</td><td>IPS</td><td>Anti-glare</td><td>400 nits</td><td>16:9</td><td>800:1</td><td>72%</td><td>170°</td></tr></table> |            |              |                |                     |                         |                   |                        |        | Size                     | Resolution  | Type              | Surface           | Brightness                                     | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | 14.0" | HD (1366x768) | TN | Anti-glare | 220 nits | 16:9 | 400:1 | 45% | 90° | 14.0" | FHD (1920x1080) | IPS | Anti-glare | 250 nits (non-touch)<br>300 nits (multi-touch) | 16:9 | 700:1 | 45% | 170° | 14.0" | FHD (1920x1080)<br>Low Power | IPS | Anti-glare | 400 nits | 16:9 | 800:1 | 72% | 170° | Media reader | MicroSD card reader |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Size                     | Resolution  | Type              | Surface           | Brightness                                     | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | 14.0"                    | HD (1366x768)   | TN                | Anti-glare        | 220 nits                                       | 16:9         | 400:1          | 45%         | 90°           |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | 14.0"                    | FHD (1920x1080)   | IPS               | Anti-glare        | 250 nits (non-touch)<br>300 nits (multi-touch) | 16:9         | 700:1          | 45%         | 170°          |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| 14.0"             | FHD (1920x1080)<br>Low Power   | IPS        | Anti-glare   | 400 nits       | 16:9                | 800:1                   | 72%               | 170°                   |        |                          |   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Multi-touch (opt) | On-cell touch, supports 10-finger gesture (FHD only)   |            |              |                |                     |                         |                   |                        |        | Ports                    | One USB 3.1 Gen 1 (Always On), one USB 3.1 Gen 2, two USB 3.1 Type-C Gen 2 (with the function of Power Delivery and DisplayPort), HDMI 2.0, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole<br>* Depending on many factors, actual data transfer speed may be lower than theoretical speed |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Monitor cable (optional) | HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter<br>USB-C to VGA: Lenovo USB-C to VGA Adapter<br>USB-C to DP: Lenovo USB-C to DisplayPort Adapter  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Storage           | • M.2 2280 SSD / SATA 6.0Gb/s<br>• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4<br>• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2  |            |              |                |                     |                         |                   |                        |        | Bundled Accy             | None  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Optical           | None   |            |              |                |                     |                         |                   |                        |        | Camera (optional)        | One of the following, configurable by model:<br>• HD720p camera with ThinkShutter camera privacy, fixed focus<br>• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Ethernet          | Realtek® RTL8111 Gigabit Ethernet connection   |            |              |                |                     |                         |                   |                        |        | Audio support            | HD Audio, Realtek® ALC3287 codec / stereo speakers, 2W x 2, Dolby® Audio™ Premium / dual array far-field microphone, headphone / microphone combo jack  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| WLAN              | Intel Wireless-AC 9260, Wi-Fi 2x2 802.11ac + Bluetooth 5.0   |            |              |                |                     |                         |                   |                        |        | Keyboard                 | 6-row, spill-resistant, multimedia Fn keys, optional LED backlight  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| Bluetooth™        | Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter  |            |              |                |                     |                         |                   |                        |        | UltraNav™                | TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| WWAN (optional)   | One of the following, configurable by model:<br>• Wireless WAN upgradable<br>• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card<br>* For non-WWAN model, it means the model is NOT WWAN upgradable  |            |              |                |                     |                         |                   |                        |        | Security                 | Power-on password, hard disk password, supervisor password, security keyhole  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
| SIM card (opt)    | Nano-SIM card slot, optional Verizon LTE (US) SIM card   |            |              |                |                     |                         |                   |                        |        | Security chip            | Discrete TPM 2.0, TCG Certified   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | System Mgt               | DASH Management   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Fingerprint reader       | Optional: Touch style match on chip fingerprint reader on the palm rest   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | NFC                      | None  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Battery                  | Integrated Li-ion 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Max battery life         | MobileMark® 2014: 13.4 hr<br>* Battery life varies significantly with settings, usage, & other factors  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | AC adapter               | 45W or 65W USB Type-C AC adapter  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Operating system         | Windows® 10 Home 64 or Windows 10 Pro 64  |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Limited warranty         | One of the following, configurable by model:<br>• 1-year depot repair service<br>• 3-year/1-yr battery depot repair service   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Mil-Spec test            | MIL-STD-810G military testing   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |
|                   |  |            |              |                |                     |                         |                   |                        |        | Environment              | EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant   |                   |                   |  |              |                |             |               |       |               |    |            |          |      |       |     |     |       |                 |     |            |  |      |       |     |      |       |                              |     |            |          |      |       |     |      |              |                     |  |  |  |

Note: The specifications above may not be available in all regions.

Lenovo  
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