

# ThinkPad P43s Platform Specifications

Product Specifications Reference (PSREF)

|                   |   |  |              |                |  |              |                |                    |                      |   |  |                   |                   |
|-------------------|---|--|--------------|----------------|--|--------------|----------------|--------------------|----------------------|---|--|-------------------|-------------------|
| Processor         | 8th Generation Intel® Core™ i7 Processor  |  |              |                |  |              |                |                    | 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 Types   | Processor Graphics |                      | Models  | FHD  | FHD Low Power     | WQHD              |
|                   | i5-8365U  | 4                                      | 8            | 1.6 GHz        | 4.1 GHz  | 6MB          | DDR4-2400      | Intel UHD Graphics |                      | Weight  | 3.43 lb / 1.55 kg  | 3.28 lb / 1.49 kg | 3.24 lb / 1.47 kg |
|                   | i7-8565U  |  |              | 1.8 GHz        | 4.6 GHz  | 8MB          |                |                    |                      |   |  |                   |                   |
| i7-8665U          | 1.9 GHz   |  |              | 4.8 GHz        | 8MB  |              |                |                    |                      |   |  |                   |                   |
| Graphics          | Intel UHD Graphics in processor and NVIDIA Quadro® P520, 2GB GDDR5 memory; supports external digital monitor via HDMI or USB Type-C; Up to 3 displays with 2 external monitors plus system LCD screen. Max resolution: 3840x2160@60Hz (USB-C); 3840x2160@30Hz (HDMI)  |  |              |                |  |              |                |                    | Case color           | Black   |  |                   |                   |
| Chipset           | Intel SoC (System on Chip) platform   |  |              |                |  |              |                |                    | Case material        | Display cover: PPS / 50% GF;<br>Bottom: PA / 50% GF   |  |                   |                   |
| Memory            | 48GB 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 Intel limitation   |  |              |                |  |              |                |                    | Smart card reader    | Optional: Smart card reader   |  |                   |                   |
| Display           | Size  | Resolution                             | Type         | Surface        | Brightness                                     | Aspect Ratio | Contrast Ratio | Color Gamut        | Viewing Angle        | Media reader  | MicroSD card reader  |                   |                   |
|                   | 14.0"   | FHD (1920x1080)                        | WVA          | Anti-glare     | 250 nits (non-touch)<br>300 nits (multi-touch) | 16:9         | 700:1          | 45%                | 170°                 | Ports   | Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP), HDMI 1.4b, 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 |                   |                   |
|                   | 14.0"   | FHD (1920x1080) Low Power              | WVA          | Anti-glare     | 400 nits                                       | 16:9         | 800:1          | 72%                | 170°                 | 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 HDMI: Lenovo USB-C to HDMI Adapter<br>USB-C to DP: Lenovo USB-C to DisplayPort Adapter  |                   |                   |
|                   | 14.0"   | FHD (1920x1080) ThinkPad Privacy Guard | WVA          | Anti-glare     | 400 nits                                       | 16:9         | 1000:1         | 72%                | 170°                 | Bundled Accy  | None   |                   |                   |
|                   | 14.0"   | WQHD (2560x1440) Dolby Vision™ HDR     | WVA          | Glossy         | 500 nits                                       | 16:9         | 1500:1         | 100% Adobe         | 170°                 | 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   |                   |                   |
| Multi-touch (opt) | On-cell touch, supports 10-finger gesture (FHD only)  |  |              |                |  |              |                |                    | Audio support        | HD Audio, Realtek® ALC3287 codec / stereo speakers, 2W x 2, Dolby® Audio™ Premium / optional dual array far-field microphone, headphone / microphone combo jack             |  |                   |                   |
| Pen               | None  |  |              |                |  |              |                |                    | Keyboard             | 6-row, spill-resistant, multimedia Fn keys, LED backlight<br>TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad                                  |  |                   |                   |
| Storage           | Supports single sided M.2 2280 drives only<br>• 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<br>• Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4   |  |              |                |  |              |                |                    | Security             | Power-on password, hard disk password, supervisor password, security keyhole  |  |                   |                   |
| Optical           | None  |  |              |                |  |              |                |                    | Security chip        | Discrete TPM 2.0, TCG Certified   |  |                   |                   |
| Ethernet          | Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)<br>vPro model: Intel Ethernet Connection I219-LM (Jacksonville)   |  |              |                |  |              |                |                    | System Mgt (opt)     | Intel vPro Technology   |  |                   |                   |
| WLAN              | Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0  |  |              |                |  |              |                |                    | Fingerprint reader   | Optional: Touch style match on chip fingerprint reader on the palm rest   |  |                   |                   |
| Bluetooth™        | Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter   |  |              |                |  |              |                |                    | NFC (optional)       | Near Field Communication  |  |                   |                   |
| WWAN (optional)   | One of the following, configurable by model:<br>• Wireless WAN upgradable (special bid only in EMEA)<br>• Integrated Mobile Broadband 4G LTE, Fibocom L830-EB, M.2 card (EMEA only)<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 |  |              |                |  |              |                |                    | Battery              | Integrated Li- Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr)  |  |                   |                   |
| SIM card (opt)    | Nano-SIM card slot, optional Verizon LTE (US) SIM card  |  |              |                |  |              |                |                    | Max battery life     | MobileMark® 2014: 14.7 hr<br>* Battery life varies significantly with hardware configurations, settings, usage, & other factors   |  |                   |                   |
|                   |   |  |              |                |  |              |                |                    | AC adapter           | 65W or 65W slim 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<br>• 3-year/1-yr battery limited onsite service |  |                   |                   |
|                   |   |  |              |                |  |              |                |                    | Mil-Spec test        | MIL-STD-810G military testing   |  |                   |                   |
|                   |   |  |              |                |  |              |                |                    | Environment          | EPEAT™ Gold; ENERGY STAR® 7.1; RoHS-compliant   |  |                   |                   |

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

Lenovo  
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