ThinkPad T480 Platform Specifications

Processor

- **7th Generation Intel® Core™ i5 Processor**
  - Processor Number: i5-7200U
  - Base Frequency: 2.5 GHz
  - Max Turbo Frequency: 3.1 GHz
  - Cache: 3MB
  - Memory Types: DDR4-2133
  - Processor Graphics: Intel HD Graphics 620

- **8th Generation Intel® Core™ i3 / i5 / i7 Processor**
  - Processor Number: i5-8250U
  - 2 cores, 4 threads
  - Base Frequency: 2.20 GHz
  - Max Turbo Frequency: 4.40 GHz
  - Cache: 6MB
  - Memory Types: DDR4-2400
  - Processor Graphics: Intel UHD Graphics 620

**Chipset**
- Intel SoC (System on Chip) platform
- 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

**Display**
- **Some**: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle
- **Some**: 250 nits, 16:9 aspect ratio, 400:1 contrast ratio, 72% gamut, 170° viewing angle
- **Some**: 14.0" (355mm) QHD (2560x1440), anti-glare, LED backlight, WVA, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle
- **Some**: 220 nits, 16:9 aspect ratio, 400:1 contrast ratio

**Storage**
- System has one HDD slot or one M.2 2280 slot exclusively for storage
- **Some**: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
- **Some**: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)

**Optane™ memory**
- Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2

**Multi-touch (opt)**
- On-cell touch, supports 10-finger gesture (FHD only)

**Ethernet**
- Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
- vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

**WWAN (optional)**
- One of the following, configurable by model (mutually exclusive with Intel Optane memory)
  - Wireless WAN upgradable
  - Integrated Mobile Broadband 4G LTE, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card
  - Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card

**Sim card (opt)**
- For non-WWAN model, it means the model is NOT WWAN upgradable
- Nano-SIM card slot, optional Verizon LTE (US) SIM card

**Audio support**
- HD Audio, Realtek ALC3287 codec / stereo speakers, 2W x 2

**Camera**
- IR camera and HD720p camera privacy, fixed focus

**Media reader**
- 4-in-1 reader (MMC, SD, SDHC, SDXC)

**Ports**
- 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, 4-in-1 media reader (MMC, SD, SDHC, SDXC)

**NFC**
- Optional: 1-year + 2-year depot repair service

**Security chip**
- Intel vPro Technology

**Security**
- Power-on password, hard disk password, supervisor password, security keyhole

**Battery**
- Optional integrated Li-ion 24Wh battery and external Li-ion 24Wh, 48Wh, or 72Wh battery

**Case material**
- Black

**Display cover**
- Magnesium Hybrid or PPS: Glass-Fiber Reinforced Plastic

**Smart card reader**
- Optional: Smart card reader

**Fingerprint reader**
- Optional: Touch style match on chip fingerprint reader on the keyboard bezel, anti-spoofing technology

**UltraNav™**
- 6-row, spill-resistant, multimedia Fn keys, optional LED backlight

**Case color**
- TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

**TrackPoint**
- Optional: 3-year/3-yr battery limited onsite service

**Security**
- Power-on password, hard disk password, supervisor password, security keyhole

**Battery**
- Optional integrated Li-ion 24Wh battery and external Li-ion 24Wh, 48Wh, or 72Wh battery

**Operating system**
- **Optional**: Windows® 10 Home 64 or Windows 10 Pro 64

**AC adapter**
- Optional: 54W or 65W USB-C AC adapter

**Max battery life (MobileMark® 2014)**
- **Models**
  - 24Wh: 7.2 hr
  - 48Wh: 13.2 hr
  - 72Wh: 19.8 hr

**Dimensions**
- **Dimensions**
  - WxDxH: 13.25" x 9.15" x 0.79"; 336.6mm x 232.5mm x 19.95mm

**Weight**
- Models
  - 24Wh or 24Wh + 24Wh: 3.92 lb / 1.78 kg
  - 48Wh, 72Wh, or 24Wh + 48Wh / 72Wh: 4.08 lb / 1.85 kg

**Limited warranty (optional)**
- **Limited warranty**
  - 1-year/3-yr battery depot repair service

**Environment**
- EPEAT® Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

**Note**: The specifications above may not be available in all regions and might change by regions.