**ThinkPad P15s Gen 1 Platform Specifications**

**Processor**
- Supports one 10th Core i7 and i5 -U suffix processor as following:
  - 170°
- DDR4-2666

**Chipset**
- Intel SoC (System on Chip) platform

**Memory**
- DDR4-3200, operates at DDR4-2666.
- 8GB/16GB/32GB DDR4-3200 SO-DIMM non-ECC for DIMM sockets,
- 8GB/16GB DDR4-3200 non-ECC for soldered DIMM
- 1 DIMM socket plus 1 soldered DIMM, dual-channel capable

**Memory Protection**
- None

**Max Memory**
- 48GB with one 32GB SO-DIMM plus one 16GB soldered DIMM

**Graphics**
- Intel UHD Graphics in processor and NVIDIA Quadro P520, 2GB GDDR5 memory
- Intel UHD Graphics
- Intel UHD Graphics: 1.7GHz, 4.9GHz
- NVIDIA Quadro P520, 2GB GDDR5 memory: 1.4GHz, 4.0GHz

**Display**
- 15.6" FHD (1920x1080)
- WVA Anti-glare
- 250 nits
- 800:1 contrast ratio
- 45% NTSC
- 170° viewing angle

**Color Calibration**
- Factory Color Calibration on UHD models

**Touchscreen**
- Optional on-cell touch on selected FHD models, supports 10-finger gesture

**Pen**
- None

**Storage**
- Up to one M.2 SSD as following.
  - 2TB max:
    - M.2 2280 PCIe NVMe, PCIe 3.0 x 4, 256GB / 512GB / 1TB / 2TB
  - M.2 2280 PCIe NVMe, PCIe 3.0 x 2, 128GB, for special bids
  - M.2 2280 512GB SSD + 32 GB Optane, PCIe NVMe 3.0 x 4, for special bids

**Optical**
- None

**Ethernet**
- One onboard GbE port via integrated gigabit ethernet, Intel i219LM for vPro models or i219V for non-vPro models

**NFC**
- Optional

**WLAN + Bluetooth**
- Optional Intel Wi-Fi 6 AX201 on most models, Wi-Fi 2x2 802.11ax + Bluetooth 5.1.

**WWAN**
- One of the following, configurable by model:
  - No WWAN card and non upgradable
  - Integrated Mobile Broadband Upgradable, No WWAN Card, WWAN Antenna Only
  - Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card
  - Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 4x4, M.2 card

**SIM card**
- Optional Nano-SIM card slot

**Dimensions**
- Width: 365.8 mm (14.4 in).
- Depth: 248 mm (9.76 in).
- Thickness: 19.1 mm (0.75 inches)

**Weight**
- Starting at 3.86 lb (1.75kg)

**Case color**
- Black

**Display cover:**
- None

**Speaker**
- Stereo speakers, 2W x 2, Dolby Audio Speaker System
- Realtek ALC3287 codec

**WLAN**
- 802.11ax + Bluetooth 5.1
- Bluetooth 5.1 requires the latest version of Windows 10 (version 2004 or above)

**Battery**
- Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 65 minutes) with 65W AC adapter

**Max battery life**
- MobileMark 2018: 10.48 hr.
- MobileMark 2018: 16.5 hr.
- MobileMark 2018: 10.48 hr.

**Audio chip**
- Realtek ALC3287 codec

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**Camera**
- Supports one optional camera as following:
  - IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus

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- Supports one optional camera as following:
  - HD720p camera with ThinkShutter camera privacy, fixed focus

**Smart card reader**
- Optional

**USB-C ports**
- Up to 3 displays with 2 external monitors plus system LCD screen, two external monitors supported via USB-C, Thunderbolt, and HDMI. 4096x2304 @60Hz on USB-C and Thunderbolt, 4096x2160 @24Hz on HDMI

**Fingerprint reader**
- Optional

**Power Adapter**
- 65W or 65W slim USB-C AC adapter

**Operating system**
- Supports one optional preloaded operating system as following:
  - Windows 10 Home 64
  - Windows 10 Pro 64
  - Windows 10 Government Edition 64 for special bids

**Base Warranty**
- Optional warranty plans as following:
  - 1-year depot repair service
  - 1-year limited onsite service

**Mil-Spec test**
- MIL-STD-810G military testing

**Environment**
- EPEAT Gold. ENERGY STAR 8.0. RoHS-compliant

**SV certifications**
- Please visit www.thinkworkstations.com/isv-certifications/