ThinkPad P15 Gen 1

Business professionals can now get extreme power in a mobility-friendly package. This mobile workstation supports advanced workloads with an Intel Xeon or 10th Gen Core processors and powerful NVIDIA Quadro RTX5000 graphics. Choose the 4K OLED or LCD display with Dolby Vision HDR for unmatched clarity and comfort. Users can connect up to three additional displays, and transfer large files at unprecedented speeds with twin ThunderBolt 3 connectors.

REASONS TO BUY

- Built to the highest thermal engineering standards, it stays cool and quiet while maintaining the power users need for advanced workloads. Support for WiFi 6 ensures internet connectivity is faster and more secure while users can stay connected on the move with optional 4G WWAN.
- Certified or recommended for use with: Adobe Premiere Pro, Adobe Photoshop, Adobe After Effects
- Configure with an 8-core Intel Xeon or Core i9 processor, fast M.2 SSD storage and up to 128GB of DDR4 memory; enabling multitasking of large spreadsheets, databases or complex statistical software.

This 15.6" display ThinkPad P Series mobile workstations offer a choice of professional graphics and processor options.
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**KEY SPECIFICATIONS**

**Processor**
- up to Intel Xeon processor W-10885M or 10th Gen Intel Core i9 processor

**Operating System**
- Powered by Windows 10 Pro for Workstations

**Display**
- 15.6" Dolby Vision HDR screen, 4K (3840x2160), OLED, 100000:1 contrast ratio, 100% DCI-P3 gamut (touch)
- 15.6" Dolby Vision HDR screen, 4K (3840x2160), WVA, 1400:1 contrast ratio, 100% Adobe gamut
- 15.6" Dolby Vision HDR screen Full HD (1920x1080), WVA, 1200:1 contrast ratio, 72% gamut
- 15.6", Full HD (1920x1080), IPS, 700:1 contrast ratio, 72% gamut

**Touchscreen**
- touchscreen on 4K OLED display, optional Lenovo Pen Pro

**Graphics**
- up to NVIDIA Quadro RTX 5000 with MAX-Q Design

**Memory**
- up to 128GB DDR4-2933 ECC or non-ECC

**Storage**
- up to 2x 2TB M.2 PCIe NVMe optional RAID 0/1

**Audio**
- 2x 2W stereo speakers with Dolby Atmos
- Optional dual array far-field mics

**Battery**
- up to 16.4hrs, 94Wh

**Power Adapter**
- One of the following
  - 170W Slim Tip
  - 230W Slim Tip

**Camera**
- One of the following
  - 720p + IR with ThinkShutter
  - 720p with ThinkShutter

**Keyboard**
- Backlit, spill-resistant keyboard

**Color**
- Black

**Dimensions**
- From Width: 375.4mm (14.78") Depth: 252.3mm (9.93") Height: 24.5-31.45mm (0.96-1.24"), non-touch models

**Weight**
- starting at 2.74kg (6.05lb), non-touch models

**GREEN CERTIFICATIONS**
- EPEAT Silver. ENERGY STAR 8.0

**OTHER CERTIFICATIONS**
- MIL-STD-810G military testing

**CONNECTIVITY**

**I/O Ports**
- 1x USB 3.2 Type-C (power delivery and DisplayPort), 2x USB 3.2 Type-C Gen 2 / Thunderbolt 3 (power delivery and DisplayPort), 2x USB-A 3.2 Gen 1, HDMI 2.0, Ethernet (RJ-45), nano-SIM card slot (WWAN models), audio combo jack, optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC), security keyhole

**WLAN + Bluetooth**
- Intel AX201 11ax, 2x2 + BT5.1

**WWAN**
- Optional

**Docking**
- Compatible with Thunderbolt™ 3, Side Mechanical dock and USB 3.0 & USB-C docking solutions

**SECURITY & PRIVACY**
- Fingerprint Reader
- Smart Card Reader
- Discrete TPM 2.0
- IR Camera with Windows Hello
- Kensington lock slot

**MANAGEABILITY**
- Intel vPro (optional)

**ISV CERTIFICATIONS**
- ALLPLAN, ANSYS, AVEVA PDMs, AVEVA PDMs, E3D, Hull & Outfitting, BOCAD, Adobe After Effects, Adobe Photoshop, Adobe Premiere Pro, Altair, Autodesk 3ds Max, Autodesk Alias, Autodesk AutoCAD, Autodesk Inventor, Autodesk Maya, Autodesk Revit, Autodesk VRED, Avid Media Composer, Bentley MicroStation V8i, CONNECT Edition, LumenRT, DS (CATIA, DELMIA, ENOVIA), DS 3DEXPERIENCE, DS ICEM Surf, DS SOLIDWORKS, Esri ArcGIS Desktop, PTC Creo, Siemens NX, TeVs, Temoatix, Siemens Solid Edge, Vectorworks

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Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. Information reflects testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors. © 2020 Lenovo. Products are available while supplies last. Lenovo is not responsible for typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.

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**Recommended for this device**

ThinkPad Thunderbolt 3 Workstation Dock Gen 2
- Provides up to 170W of power for a ThinkPad mobile workstation or laptop via a single cable
- 5x USB3.1 (1x always-on for charging mobile devices), front-facing Thunderbolt 3 port for 40Gbps data transfer
- 2x DisplayPort, 2x HDMI - connect up to 3x 4K displays

Lenovo Dual Platform Notebook & Monitor Stand
- Raises the monitor up to a more ergonomic viewing height
- Integrates laptop, dock, and monitor, into one convenient work space
- Attach a ThinkCentre Tiny underneath the upper platform with a VESA mount (sold separate)