



## PROFESSIONAL MACHINES FOR ADVANCED USERS



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

# ThinkPad P15v Gen 1

Smarter  
technology  
for all

Lenovo

Give more of your workforce the power of a workstation with the convenience of mobility with this budget-friendly device. It packs in up to 6-core Intel Xeon W-Class processors and comes with a Performance Mode that allows the device to deliver maximum performance for handling heavy workloads like data analytics and computer-aided design. Onboard ThunderBolt 3 connector enables high-speed transfer of large design files. Choose the 4K IPS display with Dolby Vision HDR for unmatched clarity and comfort and connect up to three additional displays for seamless multitasking.



## 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 After Effects, Adobe Photoshop

Configure with an 6-core Intel Xeon or 8-core Core i7 processor, fast M.2 SSD storage and up to 64GB of DDR4 memory; enabling multitasking of large spreadsheets, databases or complex statistical software.

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## KEY SPECIFICATIONS

Processor	up to Intel Xeon processor W-10885M or 10th Gen Intel Core i7 processor
Operating System	Powered by Windows 10 Pro for Workstations
Display	15.6" Dolby Vision HDR screen, 4K (3840x2160), OLED, 1400:1 contrast ratio, 100% Adobe gamut 15.6" Full HD (1920x1080), IPS, 800:1 contrast ratio, 45% NTSC gamut (touch) 15.6", Full HD (1920x1080), IPS, 700:1 contrast ratio, 45% NTSC gamut
Touchscreen	touchscreen on Full-HD display
Graphics	Intel UHD Graphics in processor plus optional NVIDIA Quadro P620, 4GB GDDR5 memory
Memory	up to 64GB 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 Audio Optional dual array far-field mics
Battery†	up to 10hrs, 68Wh
Power Adapter	135W Slim Tip
Camera	One of the following 720p + IR with ThinkShutter 720p with ThinkShutter
Keyboard	Backlit, spill-resistant keyboard
Dimensions	From Width: 366.5mm (14.43") Depth: 250.0mm (9.84") Height: 24.2mm (0.95")
Weight	starting at 2.07kg (4.57lb)

## GREEN CERTIFICATIONS

EPEAT Gold, ENERGY STAR 8.0

## OTHER CERTIFICATIONS

MIL-STD-810G military testing

## CONNECTIVITY

I/O Ports	1x 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), SD card reader, security keyhole
WLAN + Bluetooth	Intel AX201 11ax, 2x2 + BT5.1
WWAN	Optional
Docking	Compatible with Thunderbolt™ 3 and USB 3.0 & USB-C docking solutions

## SECURITY & PRIVACY

Fingerprint Reader

Smart Card Reader  
IR Camera with Windows Hello  
 Kensington lock slot

## MANAGEABILITY

Intel vPro, DASH (optional)

## ISV CERTIFICATIONS

ANSYS, AVEVA PDMS, E3D, Hull & Outfitting, BOCAD, Adobe After Effects, Adobe Photoshop, Altair HyperWorks, Autodesk AutoCAD, Autodesk Inventor, Autodesk Revit, Autodesk VRED, BarcoMedical Monitors, Bentley MicroStation V8i, CONNECT Edition, LumenRT, DS (CATIA, DELMIA, ENOVIA), DS ICEM Surf, DS SOLIDWORKS, Esri ArcGIS Desktop, PTC Creo, Siemens NX, TcVis, Tecnomatix, Siemens Solid Edge, Vectorworks

## Recommended for this device



### ThinkPad Professional Backpack

Lightweight bag (1.3kg/2.87lbs) with unique design that cradles a laptop for superior protection

Compatible with laptops up to 15.6"

Hidden security pocket for valuables and a tablet storage pouch



### 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



### Premier Support

Talk directly with advanced technical support agents

Support for software & hardware

Next business day onsite repairs

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. † Based on 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 photographic or 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.