ThinkPad P1 Gen 3

Smarter technology for all

Lenovo

Power, performance and portability - our lightest mobile workstation has it all. Users with advanced computing needs can now work from anywhere. Although just 18.4mm (0.7") thin, it can support a 8-core Intel Xeon processor, ECC memory and NVIDIA Quadro T2000 graphics. Security features include privacy camera cover, TPM encryption chip and a fingerprint reader. There's also optional Privacy Guard technology that can render the display unreadable for anyone peering from behind or adjacent to the user.

PROFESSIONAL MACHINES FOR ADVANCED USERS





REASONS TO BUY

The optional 4K display has 100% colour gamut and 1500:1 contrast ratio, allowing designers, analysts and other advanced users to work with ease and accuracy. WiFi 6 technology and improved WWAN connectivity deliver faster internet speeds, ensuring cloud-based apps work seamlessly - regardless of work environment.

Certified or recommended for use with: Adobe After Effects, Adobe Premiere Pro, Adobe Photoshop

Processor options include the 8-core Intel Core i9 and 6-core Intel Xeon, enabling users to handle complex spreadsheets and statistical software with ease.

The ThinkPad P1 Series is an ultraportable workstation; thin and light, yet packed with professional graphics, processing and storage technologies.

Updated 2021-12-22

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KEY SPECIFICATIONS

Processor	up to Intel Xeon processor W-10855M 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), IPS, 1400:1 contrast ratio, 100% Adobe gamut 15.6" Dolby Vision HDR screen, Full HD (1920x1080), IPS, 800:1 contrast ratio, 72% NTSC gamut 15.6" screen, Full HD (1920x1080), IPS, 700:1 contrast ratio, 72% NTSC gamut
Color Calibrator	Factory Color Calibration on UHD panels
Touchscreen	touchscreen on 4K OLED display with optional Lenovo Pen Pro
Graphics	up to NVIDIA Quadro T2000 with MAX-Q design
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 Atmos speaker system Optional dual array far-field mics
Battery†	up to 15.9hrs, 80Wh
Power Adapter	*One of the following* 135W Slim Tip (2-pin) 135W Slim Tip (3-pin) 170W Slim Tip (2-pin) 170W Slim Tip (3-pin)
Camera	*One of the following* 720p with ThinkShutter IR & 720p with ThinkShutter
Keyboard	Backlit, spill-resistant keyboard
Dimensions	From Width: 361.8mm (14.24") Depth: 245.7mm (9.67") Height: 18.4mm (0.72"), non-touch models
Weight	starting at 1.7kg (3.75lb), non-touch models

GREEN CERTIFICATIONS

EPEAT Silver. ENERGY STAR 8.0

OTHER CERTIFICATIONS

MIL-STD-810G military testing

CONNECTIVITY

I/O Ports	2x USB 3.2 Gen 1 (1x Always On), 2x USB-C 3.2 Gen 2 / Thunderbolt 3 (power delivery and DisplayPort), HDMI 2.0, audio combo jack, 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
IR Camera with Windows Hello
Kensington lock slot

MANAGEABILITY

Intel vPro, DASH (optional)

ISV CERTIFICATIONS

ANSYS, AVEVA PDMS, Adobe After Effects, Adobe Photoshop, Adobe Premiere Pro, Altair HyperWorks, 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, TcVis, Tecnomatix, Siemens Solid Edge, Vectorworks

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)



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.