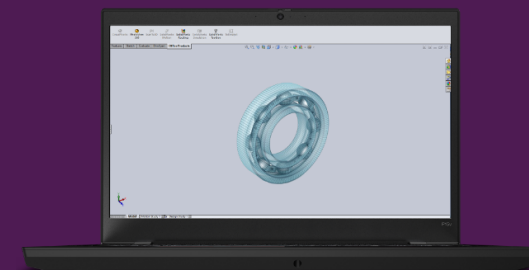# ThinkPad P15v Gen 3

Experience astounding performance, multitasking and visuals in this 15.6" device- designed for modern hybrid workers. Featuring the latest 12th Gen Intel core i7 H-Series processors with 14 core and Intel Iris XE graphics, it can handle all your heavy workloads like data analysis and CAD with ease. Thunderbolt 4 and USB 3.2 ports enable uninterrupted data transfers and amplified connectivity to monitors and peripherals. Choose the 4K IPS display with Dolby Vision HDR for superior clarity and comfort in meetings.

Whether working from home or travelling to a remote location for work, keep connectivity issues at bay. In addition to multiple portability options, the device comes with Wi-Fi 6E and 4G LTE capabilities that ensure users get faster, stable, secure connectivity from anywhere.

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

With up to 64GB DDR5 memory and up to 4TB SSD storage, switch between applications and multitask on large spreadsheets and statistical software databases efficiently.

Professional machines for advanced users

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

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..

PN: 40B10135XX

Warranty Extensions

- Purchase additional warranty periods from 1 to 5 years
- Buy at any point with or after your device purchase
- Optional On-site Service

Accessories

ThinkVision P27h-20

- 27" QHD (2560x1440) near-borderless monitor with 99% sRGB colour gamut
- 1x HDMI, 1x DisplayPort (in), 1x DisplayPort (out), 4x USB3.1, 1x USB-C (data, video & data), audio out
- Lift, Tilt, Pivot, Swivel stand for viewing comfort. Integrated smartphone holder in base.

ThinkPad Universal Thunderbolt 4 Smart Dock

- Next-gen Intel® Thunderbolt™ 4 connectivity for commercial users - powered by Microsoft Azure Sphere
- 4x USB-A Gen 2 ports, 1x always-on charging port, 1x USB-C data port, 10Gbps, 5V x 3A power for mobile charging
- Supports Thunderbolt™ 3 and 4, USB 4™, USB-C, and compatible with a wide range of brands and Multi-OS notebooks

PN: 40B10135XX

ThinkPad P15v Gen 3

Performance

Processor
12th Gen Intel H Series Core i5 / i7 / i9

Operating System
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64
Ubuntu Linux
Red Hat Enterprise Linux (certified only)

Graphics [1]
Intel Iris Xe Graphics eligible (integrated)
NVIDIA T600 Laptop GPU
NVIDIA T1200 Laptop GPU
NVIDIA RTX A2000 Laptop GPU

[1]*Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.*

Memory
Up to 64GB DDR5-4800, 2x SO-DIMM

Storage [2]
Up to 2x 2TB M.2 2280 PCIe NVMe SSD
RAID 0/1 support

[2]*The storage capacity supported is based on the test results with current Lenovo storage offerings.*

Audio
High Definition (HD) Audio
Dolby Premium speakers
Dual-microphone array, far-field, Dolby Voice*

Camera*
HD 720p, with privacy shutter
HD 720p + IR hybrid, with privacy shutter

Battery
68Wh battery, Rapid Charge

Power Adapter*
135W slim tip adapter

Design

Display [3]
15.6" FHD (1920x1080) IPS Anti-glare 16:9
- 300nits, 100% sRGB
- 300nits, 45% NTSC
- 300nits, 45% NTSC, touch

15.6" UHD (3840x2160) IPS Anti-glare 16:9
- 600nits, 100% Adobe RGB, Dolby Vision, DisplayHDR 400,
X-Rite Factory Color Calibration*

[3]*IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.*

Keyboard
6-row, spill-resistant, numeric keypad, optional backlight

Touchpad
TrackPoint and Mylar surface touchpad

Dimensions [4]
366.5 x 250 x 22.7 mm (14.43 x 9.84 x 0.89 inches)

[4]*The system dimensions may vary depending on configurations.*

Weight [5]
Starting at 2.096 kg (4.62 lbs)

[5]*The system weight is approximate and may vary depending on configurations*

Color
Black

Case material
PC-ABS (top), PC-ABS (bottom)

Connectivity

Ethernet
Gigabit onboard Ethernet

WLAN + Bluetooth* [6] [7]
Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.1*
Qualcomm NFA-725A Wi-Fi 6E, 802.11ax, Bluetooth 5.1*

[6]*Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.*

[7]*Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.*

WWAN*
Up to 4G LTE with embedded eSIM*

Ports
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (one Always On)
1x Thunderbolt 4 / USB 4 40Gbps (data, PD 3.0, DP 1.4)
1x HDMI 2.1, up to 4K/60Hz
1x SD card reader
1x Ethernet (RJ-45)
1x Headphone / microphone combo jack (3.5mm)
1x Power connector
1x Smart card reader*
1x Nano-SIM card slot*

Security & Privacy

Security
Discrete TPM 2.0
Kensington Security Slot
Smart card reader*
Touch style MOC fingerprint reader*
Camera privacy shutter*
IR camera for Windows Hello (facial recognition)*

Manageability

System Management* [8]
Intel vPro Enterprise*
Intel vPro Essentials*

[8]*Intel vPro offers a superset of DASH's defined capabilities.*

Certifications

Green Certifications [9] [10] [11]
EPEAT Gold Registered
ENERGY STAR 8.0
TCO Certified 9.0
RoHS compliant

[9]*The items listed under the "Green Certifications" section may not only refer to certification but also registration self-declaration.*

[10]*EPEAT registration and ENERGY STAR certification are dependent on system OS.*

[11]*EPEAT is registered where applicable, please see epeat.net for registration status by country.*

Other Certifications
MIL-STD-810H