

ThinkPad P15v

ACCESSIBLE POWER



VALUE WITHOUT COMPROMISE

Built for creators who demand more value, the budget-friendly ThinkPad® P15v offers the power you need from a mobile workstation at an affordable price. Packed with the latest Intel Core or Xeon processors, NVIDIA Quadro professional graphics, and a 4K UHD¹ display, the P15v delivers a fast and visually stunning representation of your work. MIL-SPEC tested² and equipped with the comprehensive ThinkShield Security Suite, this workhorse provides a rugged, secure system ideal for Higher Education and Software Developers. With Wi-Fi 6 and WWAN¹ connectivity options, Dolby Audio software support, and up to 4TB of storage, the P15v is perfect for any user who needs a robust, reliable system at an accessible price point.

FEATURES



Up to NVIDIA® Quadro® P620 Graphics Card



10th Gen Intel® Core™ and Xeon®



4K UHD with HDR 400 Display with Dolby Vision™ HDR and X-Rite color calibration



Up to 4TB M.2 PCIe NVMe SSD Storage



Up to 64GB DDR4 Memory



Intel Thunderbolt™ 3

Lenovo™

Lenovo™ Options & Accessories



ThinkVision® P27q-20



ThinkPad® Thunderbolt™ 3 Workstation Dock Gen 2



Lenovo Business Casual 15.6" Topload Briefcase

Lenovo ThinkPad P15v Specifications

PERFORMANCE

Processor

10th Gen Intel® Core™ and Xeon® (up to 8 cores, up to 5.1GHz)

Operating System

Windows 10 Pro for Workstation¹
Windows 10 Pro²
Windows 10 Home
Ubuntu® Linux³
Red Hat® Linux (certified)

Graphics

NVIDIA® Quadro® P620

Camera

HD Camera with ThinkShutter
Hybrid IR⁴ Camera with ThinkShutter

Total Memory

Up to 64GB DDR4

Memory DIMM Capacity

8GB / 16GB / 32GB ECC¹ & non-ECC²
2 SoDIMM slots

Total Storage

Up to 4TB

RAID

0/1

Battery

68Whr

Power Supply

135W Slim

CONNECTIVITY

Ports

(2) USB-A 3.2 Gen 1*, 1 Always On
(1) USB-C Thunderbolt 3
(1) HDMI 2.0
(1) Mic/Headphone Combo Jack
(1) RJ-45 Gigabit Ethernet

WLAN

Intel Wi-Fi 6 AX201 (Gig+) + Bluetooth™ 5.0 vPro

WWAN

L850-GL LTE CAT9⁴

Media Card Reader

SD Card Reader
Smart Card Reader⁴

ThinkShield

dTPM 2.0
Touch Fingerprint Reader
ThinkShutter
Kensington Lock Slot

SOFTWARE

Lenovo Preload⁶

Lenovo Vantage, Lenovo ThinkShield

ISV CERTIFICATIONS

Adobe®, AVID®, Altair®, Autodesk®, ANSYS®, AVEVA™, Bentley®, Dassault®, Esri®, Nemetschek®, PTC®, Siemens®, Barco®

DESIGN

Display

15.6" Display
4K UHD (3840 x 2160)
- 600nit, Dolby Vision™ HDR
FHD (1920 x 1080) IPS
- Touch, 300nit
- 250nit

Keyboard

ThinkPad Keyboard with Numeric Keypad, Backlit⁴ and Spill Resistant

Dimensions (WxDxH)

(mm): 366.5 x 250 x 22.7

Weight

Starting at 4.57lbs (2.07kg)

GREEN CERTIFICATIONS

EPEAT⁵
ENERGY STAR® 8.0
GREENGUARD®
RoHS Compliant

For a full list of accessories and options, please visit: <https://accsmartfind.lenovo.com>

Page 1: 1 Optional

2 MIL-SPEC: MIL-STD-810G testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions.

Page 2: 1 Intel Xeon configurations

2 Intel Core configurations

3 Select versions available via preload; versions are configuration specific

4 Optional

5 Certification available on select models; EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

6 Available with Window 10 Operating System only

* The actual transfer speed of the USB 3.2 Gen1 will vary and, depending on many factors, such as the processing capability of host and peripheral devices, file attributes and other factors related to system configuration and your operating environments, will be slower than a speed of 5Gbit/s.

RECOMMENDED SERVICES

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your business, not your IT.

Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

Warranty Upgrades—Onsite and Next Business Day

Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

Warranty Extensions (1 to 5 years total duration)

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

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