ThinkPad® P15 Gen 2

ULTIMATE POWER CONFIGURED YOUR WAY


VERSATILE POWER

Unlock ultimate power configured your way with the ThinkPad® P15. Packed with the latest Intel Core or Xeon processors and unmatched NVIDIA RTX A5000 graphics support, the P15 is built for those who demand the highest level of power and performance. Designed with configurability and versatility in mind, Lenovo's innovative graphics daughter card design provides complete customization for your unique workflow. And, with our Ultra Performance Mode, you can now tap into the full potential of your system with user-controlled performance boost for your toughest jobs.

Equipped with PCIe Gen4 SSDs for faster, cutting-edge storage technologies as well as optional UHD OLED display, the P15 gives you the next-level performance your power users crave.

FEATURES

- **CPU** — 11th Gen Intel® Core™ or Xeon®
- **GPU** — Up to NVIDIA® RTX™ A5000 Graphics Card
- 15.6″ UHD OLED Touch Display with HDR500 True Black
- **SSD** — Up to 6TB M.2 PCIe Gen4 NVMe SSD Storage
- Up to 128GB DDR4 3200MHz ECC/non-ECC Memory
- **DOLBY ATMOS** — Top-firing Dolby Atmos™ Speaker System

Lenovo™

Lenovo™ Options & Accessories*

ThinkVision® P27q-20

ThinkPad® Workstation Thunderbolt™ 4 Dock
PN: 40B00300xx

ThinkReality® A3 XR1 3G+32G

Lenovo ThinkPad P15 Gen 2 Specifications

PERFORMANCE

Processor

11th Gen Intel® Core™ or Xeon® (up to 8 cores, up to 5.0GHz)

Operating System

Windows 10 Pro for Workstation[1]
Windows 10 Pro[2]
Windows 10 Home
Ubuntu® Linux®[3]
Red Hat® Enterprise Linux® (certified)
Fedora® Linux

Graphics

Up to NVIDIA® RTX™ A5000 16GB VRAM

Camera

HD Camera with ThinkPad Webcam Privacy Shutter

HD Hybrid IR[4] Camera with ThinkPad Webcam Privacy Shutter

Total Memory

Up to 128GB DDR4 3200MHz

Memory DIMM Capacity

8GB / 16GB / 32GB ECC[1] & non-ECC[2]
4 SoDIMM slots

Total Storage

Up to 6TB M.2 NVMe PCIe Gen4 SSD
Up to 3 drives

RAID

0/1

Battery

94WHr

Power Supply

170W Slim
230W Slim

CONNECTIVITY

Ports

(2) USB-A 3.2 Gen 1**, 1 Always On
(2) USB-C Thunderbolt 4
(1) USB-C
(1) HDMI 2.1/2.0
(1) Mic/Headphone Combo Jack
(1) Smart Card Reader[4]
(1) Nano-SIM card slot[4]
(1) RJ45 Gigabit Ethernet

WLAN

Intel Wi-Fi 6E AX210 + Bluetooth™ 5.2 vPro

WWAN

Quectel EM160R-GL 4G LTE CAT16[4]

Media Card Reader

SD Card Reader

ThinkShield

dTPM 2.0
Touch Fingerprint Reader
ThinkPad Webcam Privacy Shutter
Kensington Lock Slot

SOFTWARE

Lenovo Preload[5]

Lenovo Commercial Vantage

ISV CERTIFICATIONS

Including ArcGIS®, AutoCAD®, CATIA®, Creo®, Inventor®, Microstation®, NX®, PDMS®, Revit®, Solid Edge®, SolidWorks®, Vectorworks®, Petrel®, Decision Space®, 3dsMax®, Maya®

For a complete list of ISV certifications visit
http://www.thinkworkstations.com/isv-certifications/

Additional Features

Ultra Performance Mode
Self Healing BIOS

DESIGN

Display

15.6″ Display

UHD (3840 x 2160)

- OLED Touch, AR-AS, 400nit, HDR500 True Black, Dolby Vision™ HDR

- IPS, AG, 600nit, HDR400, Dolby Vision HDR

FHD (1920 x 1080) IPS
- AG, 500nit, Dolby Vision HDR
- AG, 300nit

Keyboard

ThinkPad Keyboard with Numeric Keypad, Backlit, and Spill Resistant

Dimensions (WxDxH)

(mm): 375.4 x 252.3 x 24.5-31.4
(inches): 14.7 x 9.9 x 0.9-1.2

Weight

Starting at 6.32lbs (2.87kg)

GREEN CERTIFICATIONS

EPEAT®[6]
ENERGY STAR® 8.0
RoHS Compliant

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

1 Intel Xeon configurations

2 Intel Core configurations

3 Select versions available via preload; versions are configuration specific

4 Optional

5 Available with Windows 10 Operating System only

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

** USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.

RECOMMENDED SERVICES

Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems. Get a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish. [1,2]

Warranty Extensions

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your investment, and lower the cost of ownership over time.[1]

Warranty Upgrades

Onsite Service maximizes PC uptime and productivity by providing convenient, fast repair service at your place. In addition, with Tech Install CRU service the installation of all internal Customer Replaceable Unit (CRU) parts will be done on your behalf by a trained technician.[1]

[1]Optional
[2]Up to 5 years total duration

NVIDIA STUDIO

intel XEON