

ThinkPad P1 Gen 4

SIMPLY SPECTACULAR



THE POWER YOU NEED, THE MACHINE YOU WANT

Powerful, mobile, and visually stunning. The ThinkPad® P1 is the perfect combination of form and function designed to be admired. The sleek thin and light carbon fiber weave design hints at what's inside: a powerful system that offers a choice of the latest Intel Core or Xeon processors, redesigned thermals for increased graphics support, up to NVIDIA RTX A5000 GPU and PCIe Gen4 SSDs for faster, advanced storage technologies. Now boasting a 16-inch panel, narrower bezels, and a 16:10 aspect ratio for increased screen real estate, the P1 is a content creator's dream.

Reimagined with the remote user in mind, the P1 is 5G enabled for ultimate connectivity, a 1080p FHD camera for high quality video conferencing, a new keyboard with larger touchpad and a new fingerprint reader integrated with the power button. Equipped with higher wattage power adapters, larger battery, low blue light displays, Dolby Vision, and color calibration for crisp, clear images this robust system is the perfect combination of power, ultra-premium design, and true mobility.

FEATURES



11th Gen Intel® Core™ or Xeon®



Up to NVIDIA® RTX™ A5000
or NVIDIA GeForce® RTX
3070/3080



16" 16:10 QHD+/UHD+ Display
with Low Blue Light



Up to 64GB DDR4 3200MHz
ECC/non-ECC Memory



Up to 4TB M.2 PCIe Gen4
NVMe SSD Storage



Top-firing Dolby Atmos™
Speaker System

Lenovo

Lenovo™ Options & Accessories*



ThinkVision® P27h-20



ThinkPad® Workstation
Thunderbolt™ 4 Dock



ThinkReality® A3 XR1 3G+32G

Lenovo ThinkPad P1 Gen 4 Specifications

PERFORMANCE

Processor

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

Operating System

Windows 10 Pro for Workstations¹
Windows 10 Pro²
Windows 10 Home
Ubuntu® Linux³
Red Hat® Enterprise Linux® (certified)
Fedora® Linux

Graphics

Up to NVIDIA® RTX™ A5000 16GB VRAM
or NVIDIA® GeForce RTX™ 3070/3080
8GB/16GB VRAM

Camera

1080p FHD Camera with ThinkPad
Webcam Privacy Shutter
1080p FHD Hybrid IR⁴ Camera with
ThinkPad Webcam Privacy Shutter

Total Memory

Up to 64GB DDR4 3200MHz

Memory DIMM Capacity

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

Total Storage

Up to 4TB M.2 NVMe PCIe Gen4 SSD
Up to 2 drives

RAID

0/1

Battery

90Whr

Power Supply

135W Slim, 170W Slim, 230W Slim

CONNECTIVITY

Ports

(2) USB-A 3.2 Gen 1** , 1 Always On
(2) USB-C Thunderbolt 4
(1) HDMI 2.1/2.0
(1) Mic/Headphone Combo Jack
(1) Nano-SIM card slot⁴

WLAN

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

WWAN

Qualcomm Snapdragon X55 5G⁵

Media Card Reader

SD Card Reader

ThinkShield

dTPM 2.0
Fingerprint reader integrated with
power button (match-on-chip)
ThinkPad Webcam Privacy Shutter
Kensington Lock Slot

SOFTWARE

Lenovo Preload⁶

Lenovo Commercial Vantage

ISV CERTIFICATIONS⁵

Including ArcGIS®, AutoCAD®, CATIA®,
Creo®, Inventor®, Microstation®, NX®,
PDMs®, Revit®, Solid Edge®,
SolidWorks®, Vectorworks®

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

ADDITIONAL FEATURES

Modern Standby
Wake on Voice⁷
Ultra Performance Mode
Self Healing BIOS

DESIGN

Display

16" 16:10 Display
WQUXGA (UHD+) (3840x2400)
- IPS Touch, AR-AS, 600nit, 100%
Adobe, Low Blue Light, HDR400,
Dolby Vision HDR

- IPS, AG, 600nit, 100% Adobe,
Low Blue Light, HDR400,
Dolby Vision HDR

WQXGA (QHD+) (2560x1600)

- IPS, AG, 400nit, 100% sRGB,
Low Blue Light

Keyboard

ThinkPad Keyboard, Backlit,
and Spill Resistant

Dimensions (WxDxH)

(mm): 359.5 x 253.8 x 17.7
(inches): 14.1 x 9.9 x 0.6

Weight

Starting at 3.99lbs (1.81kg)

GREEN CERTIFICATIONS

EPEAT®⁸
ENERGY STAR® 8.0
RoHS Compliant

* 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 on select models

6 Available with Windows 10 Operating System only

7 Lid must be open

8 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 envi-
ronments; actual speeds will vary and may be less than expected.

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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