

# 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



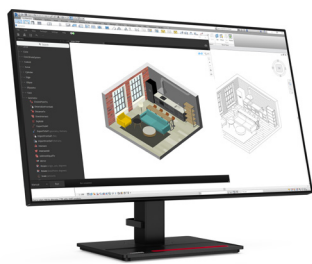
Up to 4TB M.2 PCIe Gen4  
NVMe SSD Storage



Top-firing Dolby Atmos™  
Speaker System

Lenovo™

## Lenovo™ Options & Accessories\*



ThinkVision® P27h-20



ThinkPad® Workstation  
Thunderbolt™ 4 Dock  
PN: 40B00300xx



ThinkReality® A3 XR1 3G+32G

## Lenovo ThinkPad P1 Gen 4 Specifications

### PERFORMANCE

#### Processor

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

#### Operating System

Windows 10 Pro for Workstations<sup>1</sup>  
Windows 10 Pro<sup>2</sup>  
Windows 10 Home  
Ubuntu® Linux<sup>3</sup>  
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 IR<sup>4</sup> Camera with  
ThinkPad Webcam Privacy Shutter

#### Total Memory

Up to 64GB DDR4 3200MHz

#### Memory DIMM Capacity

8GB / 16GB / 32GB ECC<sup>1</sup> & non-ECC<sup>2</sup>  
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\*\*<sup>1</sup>, 1 Always On  
(2) USB-C Thunderbolt 4  
(1) HDMI 2.1/2.0  
(1) Mic/Headphone Combo Jack  
(1) Nano-SIM card slot<sup>4</sup>

#### WLAN

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

#### WWAN

Qualcomm Snapdragon X55 5G<sup>5</sup>

#### 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 Preload<sup>6</sup>

Lenovo Commercial Vantage

#### ISV CERTIFICATIONS<sup>5</sup>

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 Voice<sup>7</sup>

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®<sup>8</sup>

ENERGY STAR® 8.0

RoHS Compliant

\* For a full list of accessories and options, please visit:

<https://accsmartfind.lenovo.com>

<sup>1</sup> Intel Xeon configurations

<sup>2</sup> Intel Core configurations

<sup>3</sup> Select versions available via preload; versions are  
configuration specific

<sup>4</sup> Optional

<sup>5</sup> Available on select models

<sup>6</sup> Available with Windows 10 Operating System only

<sup>7</sup> Lid must be open

<sup>8</sup> Certification available on select models; EPEAT registered where  
applicable. EPEAT registration varies by country. See [www.epeat.net](http://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

### Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level techni-  
cians with the expertise needed to quickly diagnose and solve problems. Get a consis-  
tent point of contact within Lenovo to ensure that your case resolution is professionally  
managed from start to finish.<sup>12</sup>

### 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.<sup>1</sup>

### 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.<sup>1</sup>

<sup>1</sup>Optional

<sup>2</sup>Up to 5 years total duration

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