

# ThinkPad P1 Gen 4 20Y30018GE

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

Intel® Core™ i7-11850H (8C / 16T, 2.5 / 4.8GHz, 24MB)

#### Graphics

NVIDIA® GeForce® RTX™ 3070 8GB GDDR6

#### Chipset

Intel WM590

#### Memory

1x 32GB SO-DIMM DDR4-3200 Non-ECC

#### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

#### Max Memory

Up to 64GB DDR4-3200

#### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal2

#### Storage Support

One drive, up to 2TB M.2 2280 SSD

#### RAID Preset

None

#### Card Reader

SD Reader

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, Dolby® Atmos®

#### Camera

IR & 1080p with Privacy Shutter

#### Microphone

2x, Array

#### Battery

Integrated 90Wh

#### Max Battery Life

MobileMark® 2018: 10.9 hr

JEITA 2.0: 13.7 hr

#### Power Adapter

230W Slim Tip (3-pin)

### DESIGN

#### Display

16.0" 16:10 WQUXGA (3840x2400) IPS 600nits Anti-glare,  
100% Adobe® RGB, Low Blue Light, Dolby Vision™, HDR 400,  
DC Dimming

#### Touchscreen

None

#### Color Calibrator

Factory Color Calibration

#### Keyboard

Backlit, German

#### Case Color

Black

#### Case Material

37-degree twill CF Weave (top), Aluminium (bottom)

#### Pen

No Support

#### Dimensions (WxDxH)

359.5 x 253.8 x 17.7 mm (14.15 x 9.99 x 0.7 inches)

#### Weight

1.81 kg (3.99 lbs)

### SOFTWARE

#### Operating System

Windows® 10 Pro 64, German

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M (Adapter Needed)

#### WLAN + Bluetooth®

Intel AX210 11ax, 2x2 + BT5.2

#### WWAN

None

#### SIM Card

None

#### NFC

None

#### Standard Ports

- 2x USB 3.2 Gen 1 (one Always On)
- 2x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
- 1x SD card reader
- 1x Headphone / microphone combo jack (3.5mm)

#### Optional Ports (configured)

1x HDMI® 2.1 (model with Geforce RTX graphics)

#### Monitor Cable

None

#### Docking

Various docking solutions supported via Thunderbolt™ or USB-C.

For more compatible docking solutions, please visit .

[Docking for ThinkPad® P1 Gen 4](#)

### SECURITY & PRIVACY

#### Security Chip

Discrete TPM 2.0

#### Fingerprint Reader

Touch Style, Match-on-Chip

#### Physical Locks

Kensington® Security Slot (2.5 x 6 mm)

#### Other Security

IR camera for Windows® Hello

### MANAGEABILITY

#### System Management

Intel® vPro, DASH

### SERVICE

#### Base Warranty

3-year, Depot

#### Included Upgrade

None

### ACCESSORIES

#### Bundled Accessories

USB-C to Ethernet Adapter

### CERTIFICATIONS

#### Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- RoHS compliant

#### Mil-Spec Test

MIL-STD-810H military test passed

#### ISV Certifications

Please visit [www.thinkworkstations.com/isv-certifications/](http://www.thinkworkstations.com/isv-certifications/)

### MODEL

TopSeller : Yes

Announce Date : 2021-06-08

EAN / UPC / JAN : 0195891451342

End of Support : 2028-01-08

· Lenovo reserves the right to change specifications or other product information without notice.

· Product image on this page is a sample, it may not match the real color of this model

· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## Premier Support - A direct 24x7x365 line to our most elite technicians.

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

### ThinkPad USB-C Dock Gen 2

40AS0090US

- Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C dock is compatible with Lenovo notebooks as well as note...

## Recommended Services

BEST	5Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07061)
BETTER	4Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07067)
GOOD	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07092)

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

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