

ThinkPad P17 Gen 1 20SN001XGE

PSREF

Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ i7-10875H (8C / 16T, 2.3 / 5.1GHz, 16MB)

Graphics

NVIDIA® Quadro® T2000 4GB GDDR6

Chipset

Intel WM490

Memory

2x 16GB SO-DIMM DDR4-2933 Non-ECC

Memory Slots

Four DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 128GB DDR4-2933

Storage

1TB SSD M.2 2280 PCIe® NVMe® Opal2

Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

Card Reader

SD Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3286 codec

Speakers

Stereo speakers, Dolby® Atmos®

Camera

IR & 720p with ThinkShutter

Microphone

2x, Array

Battery

Integrated 94Wh

Max Battery Life

MobileMark® 2014: 14.6 hr

MobileMark 2018: 9.75 hr

JEITA 2.0: 16.6 hr

Power Adapter

170W Slim Tip (3-pin)

DESIGN

Display

17.3" FHD (1920x1080) IPS 300nits Anti-glare, 72% Gamut

Keyboard

Backlit, German

Case Color

Black

Case Material

Top: GFRP 50% (PPS695 + GF 50%)

Bottom: PPS + GF

Dimensions (WxDxH)

415.44 x 280.81 x 25.11-33.25 mm (16.36 x 11.06 x 0.99-1.31 inches)

Weight

3.5 kg (7.7 lbs)

SOFTWARE

Operating System

Windows® 10 Pro 64, German

CONNECTIVITY

Ethernet

100/1000M

WLAN + Bluetooth®

Intel AX201 11ax, 2x2 + BT5.1

WWAN

WWAN Upgradable to 4G

Standard Ports

- 3x USB 3.2 Gen 1 (one Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™ 1.4)
- 2x USB-C 3.2 Gen 2 / Thunderbolt™ 3 (support data transfer, Power Delivery and DisplayPort 1.4)
- 1x HDMI® 2.0
- 1x SD card reader
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

Optional Ports (configured)

- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN model)

Docking

Various docking solutions supported via Thunderbolt or USB-C.

For more compatible docking solutions, please visit

[Docking for ThinkPad® P17 Gen 1](#)

SECURITY & PRIVACY

Smart Card Reader

Smart Card Reader

Security Chip

Discrete TPM 2.0

Fingerprint Reader

Touch Style, Match-on-Chip

Physical Locks

Kensington® Security Slot

MANAGEABILITY

System Management

Intel® vPro

SERVICE

Base Warranty

3-year, Depot

CERTIFICATIONS

Green Certifications

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

Mil-Spec Test

MIL-STD-810G military test passed

ISV Certifications

Please visit www.thinkworkstations.com/isv-certifications/

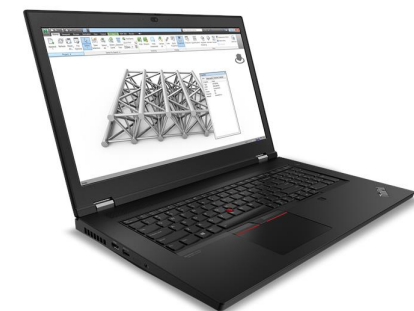
MODEL

TopSeller : Yes

Announce Date : 2020-07-28

EAN / UPC / JAN : 0195235065617

End of Support : 2027-02-28



- 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 230W AC Adapter (slim tip) - US/CAN/MEX

4X20E75111

Keep a spare ThinkPad 230W AC Adapter at hand to ensure your ThinkPad has a consistent flow of power. Keep one adapter in the office, one at home and another in your carrying case for immediate, convenient access to p...

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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