ThinkPad P1 Gen 4 20Y3000WGE

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-11800H (8C / 16T, 2.3 / 4.6GHz, 24MB)

Graphics
NVIDIA® RTX A2000 4GB GDDR6

Chipset
Intel WM590

Memory
1x 16GB SO-DIMM DDR4-3200 Non-ECC

Memory Slots
Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory
Up to 64GB DDR4-3200

Storage
512GB SSD M.2 2280 PCIe 4.0 NVMe Opal2

Storage Support
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 2TB

RAID Preset
None

Card Reader
SD Reader

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers
Stereo speakers, Dolby® Atmos®

Camera
1080p + IR 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
170W Slim Tip (3-pin)

DESIGN

Display
16.0" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, Low Blue Light, DC Dimming

Touchscreen
None

Color Calibrator
None

Keyboard
Backlit, German

Case Color
Black

Case Material
Carbon Fiber (Black) + PC + PPS Hybrid

Pen
None

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

Optional Ports (configured)
- 1x HDMI® 2.1 (model with NVIDIA RTX graphics)
- 1x Nano-SIM card slot (WWAN model)

Monitor Cable
None

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)

MANAGEABILITY

System Management
None

SERVICE

Base Warranty
3-year, Depot

Included Upgrade
None

ACCESSORIES

Bundled Accessories
USB-C to Ethernet Adapter

CERTIFICATIONS

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

Mil-Spec Test
MIL-STD-810H military test passed

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

MODEL

TopSeller	: Yes	Announce Date	: 2021-06-08
EAN / UPC / JAN	: 0195891443910	End of Support	: 2028-01-08

· 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...

ThinkPad Thunderbolt 3 Workstation Dock Gen 2

40ANY230US

Lenovo understands that modern business depends on a wide variety of notebooks and devices from different brands working seamlessly together to meet business needs. To deliver this experience, ThinkPad Thunderbolt 3 W...

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

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