ThinkPad P1 Gen 4 20Y3000AGE

Lenovo PSREF Product Specifications Reference

PERFORMANCE

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

Graphics
Integrated Intel UHD Graphics

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
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
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
135W 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
CF plate / GFRP hybrid (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)
- 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

Optional Ports (configured)
1x HDMI® 2.0 (model with integrated graphics)

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)

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

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	: 0195891446737	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