ThinkPad P17 Gen 2 20YU0077GE

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i9-11950H (8C / 16T, 2.6 / 5.0GHz, 24MB)

Graphics
NVIDIA® RTX A3000 6GB GDDR6

Chipset
Intel WM590 Chipset

Memory
2x 16GB SO-DIMM DDR4-3200 Non-ECC

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

Max Memory
Up to 128GB (4x 32GB DDR4 SO-DIMM)

Storage
1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Support
Up to three drives, 3x M.2 SSD
• M.2 2280 SSD up to 2TB

Storage Slot
Three M.2 slots
• Two M.2 2280 PCIe 3.0 x4 slots
• One M.2 2280 PCIe 4.0 x4 slot

Card Reader
SD Reader

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

Speakers
Stereo speakers, Dolby® Atmos®

Camera
HD 720p + IR with Privacy Shutter

Microphone
2x, Array

Battery
Integrated 94Wh

Max Battery Life
MobileMark® 2018: 8.3 hr
JEITA 2.0: 11 hr

Power Adapter
230W Slim Tip (3-pin)

DESIGN

Display
17.3" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB

Keyboard
Backlit, German

Case Color
Black

Case Material
GFRP 50% (PPS695 + GF 50%, Top), GFRP 50% (PA + GF 50%, Bottom)

Pen
No Support

Dimensions (WxDxH)
415.44 x 280.81 x 24.31-32.45 mm (16.36 x 11.06 x 0.96-1.28 inches)

Weight
Starting at 3.564 kg (7.86 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, German

CONNECTIVITY

Ethernet
2.5GbE (RJ-45)

WLAN + Bluetooth®
Intel Wi-Fi® 6E AX210, 11ax 2x2 + BT5.1

Standard Ports
- 2x USB 3.2 Gen 1 (one Always On)
- 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4a)
- 1x SD card reader
- 1x Ethernet (2.5GbE RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

Docking
Various docking solutions supported via Thunderbolt or USB-C.
For more compatible docking solutions, please visit Docking for ThinkPad® P17 Gen 2

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0 Enabled

Fingerprint Reader
Touch Style, Match-on-Chip, on Palm Rest

Physical Locks
Kensington® Security Slot™, 3 x 7 mm

Other Security
IR camera for Windows® Hello

MANAGEABILITY

System Management
Intel® vPro®

SERVICE

Base Warranty
3-year, Courier or Carry-in

ACCESSORIES

CERTIFICATIONS

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

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

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

MODEL

TopSeller	: Yes	Announce Date	: 2023-04-18
EAN / UPC / JAN	: 0197529823545	End of Support	: 2028-01-22



· 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 Mobile Workstation Slim 170W AC Adapter (Slim-tip) - US/Can

4X20S56697

The ThinkPad Mobile Workstation 170W Slim AC adapter is the new adapter with slim and small design. It is your perfect replacement or spare power adapter for your ThinkPad Mobile Workstation machines.

Recommended Services

BEST	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07092)
BETTER	3Y Sealed Battery Add On (5WS0V07085)
GOOD	3Y Accidental Damage Protection One Add On (5PS1G38094)

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

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