ThinkPad P15 Gen 2 20YQ000VGE

PSREF
Product Specifications Reference

PERFORMANCE

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

Graphics
NVIDIA® RTX A5000, 16GB GDDR6

Chipset
Intel WM590

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

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

Max Memory
Up to 128GB, both ECC and non-ECC

Storage
1TB SSD M.2 2280 PCIe 4.0 NVMe Opal2

Storage Support
Up to three M.2 2280 SSD, up to 2TB each

RAID Preset
None

Card Reader
SD Reader

Optical
None

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

Speakers
Stereo speakers, Dolby® Atmos® Speaker System certified

Camera
720p + IR with Privacy Shutter

Microphone
2x, Array

Battery
Integrated 94Wh

Max Battery Life
MobileMark® 2018: 9 hr
JEITA 2.0: 11.5 hr

Power Adapter
230W Slim Tip 3-pin

DESIGN

Display
15.6" FHD (1920x1080) IPS 500nits Anti-glare, 100% sRGB, Dolby Vision™

Touchscreen
None

Color Calibrator
Factory Color Calibration on UHD panels

Keyboard
Backlit, German

Case Color
Black

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

Pen
None

Dimensions (WxDxH)
375.4 x 252.3 x 24.5-31.45 mm (14.24 x 9.67 x 0.96-1.24 inches)

Weight
2.87 kg (6.32 lbs)

SOFTWARE

Operating System
Windows® 10 Pro 64, German

Bundled Software
None

CONNECTIVITY

Ethernet
2.5 GbE

WLAN + Bluetooth™
Intel AX210 11ax, 2x2 + BT5.2

WWAN
WWAN Upgradable to 4G

SIM Card
None

NFC
None

Standard Ports
- 2x USB 3.2 Gen 1 (one Always On)
- 1x Security keyhole
- 1x HDMI® 2.1 (HDMI 2.0 on NVIDIA T1200 model)
- 1x headphone / microphone combo jack (3.5mm)
- 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 2.5GbE RJ-45

Optional Ports (configured)
- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN models)

Monitor Cable
None

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 (3 x 7 mm)

MANAGEABILITY

System Management
Intel® vPro, DASH

SERVICE

Base Warranty
3-year, Depot

Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

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	: 0195891076309	**End of Support**	: 2028-01-15

· 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 Professional 15.6-inch Backpack

4X40Q26383

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweig...

ThinkPad 15.6-inch Essential Topload Case

4X40E77328

Specifically designed for the budget-conscious customer who values a functional and lightweight case, the Essential Toploader offers uncompromising quality. Made of durable, lightweight nylon, this backpack boasts a p...

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

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