

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 DDR4-3200

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal2

Storage Support

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

Card Reader

SD Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, Dolby® Atmos®

Camera

IR & 720p 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" UHD (3840x2160) IPS 500nits Anti-glare, 100% Adobe® RGB, Dolby Vision™, HDR

Color Calibrator

Factory Color Calibration

Keyboard

Backlit, German

Case Color

Black

Case Material

GFRP 50% (PPS695 + GF 50%, top),
GFRP 50% (PA + GF 50%, bottom)

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® 10 Pro 64, German

CONNECTIVITY

Ethernet

2.5 GbE

WLAN + Bluetooth®

Intel AX210 11ax, 2x2 + BT5.2

WWAN

WWAN Upgradable to 4G

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)

Optional Ports (configured)

- 1x HDMI® 2.1 (model with NVIDIA RTX graphics)
- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

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

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

Other Security

IR camera for Windows® Hello

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-810H military test passed

ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

MODEL

TopSeller	: Yes	Announce Date	: 2021-06-15
EAN / UPC / JAN	: 0195891322154	End of Support	: 2028-01-22



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>



PSREF
Product Specifications
Reference