

## PERFORMANCE

### Processor

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

### Graphics

NVIDIA® RTX A3000 6GB 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

### Storage Slot

Three M.2 slots

- Two M.2 2280 PCIe Gen 3x4 slots, support M.2 2280 SSD
- One M.2 2280 PCIe Gen 4x4 slot, supports M.2 2280 SSD

### Card Reader

SD Reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, Dolby® Atmos®

### Camera

IR & HD 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® 11 DG 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

### Included Upgrade

3Y Premier TP WS WHB (CPN) (5WS1B09494)

## 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

**EAN / UPC / JAN** : 0196378112367

**Announce Date** : 2021-12-10

**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 Premier Support (5WS0W86655)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86674)

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



**PSREF**  
Product Specifications  
Reference