

## 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)

### Optional Ports (configured)

1x HDMI® 2.1 (models with NVIDIA RTX graphics)

### 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

### 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

## 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



## 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 (5WSOV07092)
BETTER	3Y Sealed Battery Add On (5WSOV07085)
GOOD	3Y Accidental Damage Protection One (5PS1G38094)

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference