

PERFORMANCE

Processor

Intel® Core™ i7-11850H (8C / 16T, 2.5 / 4.8GHz, 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

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 : 0197529822845 **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 (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>



PSREF
Product Specifications
Reference