

PERFORMANCE

Processor

Intel® Core™ i9-13900K, 24C (8P + 16E) / 32T, P-core 3.0 / 5.4GHz, E-core 2.2 / 4.3GHz, 36MB

Processor Sockets

1x FCLGA1700

Integrated Graphics

Integrated Intel UHD Graphics 770

Discrete Graphics

1x NVIDIA® RTX A4500 20GB

Chipset

Intel W680 Chipset

Memory

2x 32GB UDIMM DDR5-4800 ECC

Memory Slots

4 DDR5 DIMM slots, 2 channels capable

Max Memory

Up to 128GB (4x 32GB DDR5 UDIMM)

M.2 SSD RAID Controller

Integrated NVMe® Controller

M.2 SSD Drive

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

HDD Controller

Onboard Intel RSTe SATA RAID

SATA/SAS Drive

None

Storage Support

Up to 5 drives (4x HDD + 1x M.2 SSD) or 6 drives (3x HDD + 3x M.2 SSD)

- 3.5" HDD up to 6TB each
- 2.5" HDD up to 1TB each
- M.2 SSD up to 4TB or 2TB each (see Storage Type)

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC897Q-CG codec

Power Supply

750W Platinum Fixed

DESIGN

Keyboard

USB Traditional Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

Expansion Slots

- One PCIe 4.0 x16
- One PCIe 4.0 x16 (x4 lanes)
- Two PCIe 3.0 x1

M.2 Slots

- Up to 3x M.2 SSD:
 - 2 via onboard slot, can't be available when 4th HDD is selected
 - 1 via Single M.2 to PCIe adapter
- One M.2 slot (for WLAN)

Bays

Up to four disk bays:

- Bay 1 supports one 3.5" / 2.5" HDD, standard
- Bay 2 supports one 3.5" / 2.5" HDD, optional
- Bay 3 supports one 3.5" / 2.5" HDD, optional
- Bay 4 supports one 3.5" / 2.5" HDD, optional
- Front Access HDD Bay supports one 3.5" / 2.5" HDD, optional, occupies Bay 3 location

Dimensions (WxDxH)

180 x 370 x 415 mm (7.09 x 14.57 x 16.34 inches)

Weight

13.6 kg (29.9 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet

Intel I219-LM, 1x GbE RJ-45

Optional Ethernet

None

WLAN + Bluetooth®

None

Card Reader

SD Card Reader

Front Ports

- 2x USB 3.2 Gen 1
- 2x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Rear Ports

- 1x HDMI® 2.1 TMDS
- 2x DisplayPort™ 1.4
- 4x USB 3.2 Gen 1 (one supports Smart Power On)
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

Optional Rear Ports (configured)

None

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified

Physical Locks

- Kensington® Security Slot™, 3 x 7 mm
- Padlock Loop

Cover Lock

None

Cable Lock

None

Chassis Intrusion Switch

None

MANAGEABILITY

System Management

Intel® vPro® Enterprise with Intel AMT 16

SERVICE

Base Warranty

3-year, Onsite

Included Upgrade

1Y Premier Support from 3Y Onsite Windchill bundles (CPN) (5WS1B68726)

CERTIFICATIONS

Green Certifications

- EPEAT™ Gold Registered
- ENERGY STAR® 8.0
- ErP Lot 3
- TCO Certified 9.0
- RoHS compliant

ISV Certifications

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

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software

None

MODEL

TopSeller	: Yes	Announce Date	: 2023-04-25
EAN / UPC / JAN	: 0197529637623	End of Support	: 2031-05-25

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



Lenovo USB Soundbar

OA36190

The Lenovo USB Soundbar allows you to add stereo sound to your compatible Lenovo ThinkVision Monitor without having to sacrifice valuable desk space. The stylish Lenovo USB Soundbar is an excellent choice for adding ...

Recommended Services

BEST	5Y Premier Support upgrade from 1Y Premier Support (5WS1F52293)
BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1B61706)
GOOD	2Y Premier Support upgrade from 1Y Premier Support (5WS1B61703)

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



PSREF
Product Specifications
Reference