

PERFORMANCE

Processor

Intel® Core™ i9-14900, 24C (8P + 16E) / 32T, Max Turbo up to 5.8GHz, P-core 2.0 / 5.4GHz, E-core 1.5 / 4.3GHz, 36MB

AI PC Category^[1]

AI-Ready Workstations

Processor Sockets

1x FCLGA1700

Integrated Graphics

Integrated Intel® UHD Graphics 770

Discrete Graphics

1x NVIDIA® RTX 2000 Ada Generation 16GB

Chipset

Intel® W680 Chipset

Memory^[2]

1x 32GB UDIMM DDR5-4400 Non-ECC

Memory Slots

4 DDR5 DIMM slots, 2 channels capable

Max Memory^[3]

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

PCIe® NVMe® Controller

Integrated NVMe® Controller

PCIe® NVMe® Drive

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

SATA Controller

Onboard Intel® RSTe SATA RAID

SATA/SAS Drive

None

Optical

None

Audio Chip

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

Power Supply

500W Platinum Fixed

DESIGN

Keyboard

USB Traditional Keyboard, Black, Spanish (LA)

Mouse

USB Calliope Mouse, Black

Dimensions (WxDxH)^[4]

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

Weight^[5]

13.61 kg (30.00 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

Optional Ethernet

None

WLAN + Bluetooth®

None

Card Reader

None

Front Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Rear Ports

- 4x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 2x DisplayPort™ 1.4
- 1x Ethernet (GbE RJ-45)
- 1x line-out (3.5mm)

Optional Rear Ports (configured)

None

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Physical Locks

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

Cover Lock

E-Lock

Cable Lock

Cable Lock

Chassis Intrusion Switch

Chassis Intrusion Switch

MANAGEABILITY

System Management^[6]

Intel® vPro® Enterprise with Intel® AMT 16

SERVICE

Base Warranty

3-year, Onsite

Included Upgrade

None

CERTIFICATIONS

ISV Certifications

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

SOFTWARE

Operating System

Windows® 11 Pro, Spanish

Bundled Software

None

MODEL

TopSeller	: No	Announce Date	: 2025-01-14
EAN / UPC / JAN	: 198156809360	End of Support	: 2031-01-31



Product image is a sample, it may not match the real color of this model

Note:

^[1] With scalable configurations of higher-performance CPUs and professional NVIDIA RTX GPUs, in addition to advantage of the same modern AI PC technology, AI-Ready workstation power the demanding AI consumption & development workflows.

^[2] 4400 MT/s is maximum operating speed, memory operating speed varies depending on memory configuration:

1x 8GB / 2x 8GB / 1x 16GB / 2x 16GB / 2x 32GB configurations run at 4400 MT/s;

4x 8GB / 4x 16GB configurations run at 4000 MT/s;

4x 32GB configuration runs at 3600 MT/s.

^[3] The max memory is based on the test results with current Lenovo memory offerings.

^[4] The system dimensions may vary depending on configurations.

^[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

^[6] Intel vPro offers a superset of DASH's defined capabilities.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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-C to Ethernet Adapter

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

Recommended Services

BEST	5Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39430)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39093)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26646)

Please click [here](#) to view the full list of accessories.



PSREF
Product Specifications
Reference