

## PERFORMANCE

### Processor

Intel® Core Ultra 9 285, 24C (8P + 16E) / 24T, Max Turbo up to 5.6GHz, 36MB Intel Smart Cache

### AI PC Category<sup>[1]</sup>

AI-Ready Workstations

### Processor Sockets

1x FCLGA1851

### Integrated Graphics

Integrated Intel® Graphics

### Discrete Graphics

1x NVIDIA® GeForce RTX™ 5070 12GB

### Chipset

Intel® W880 Chipset

### Memory

2x 16GB UDIMM DDR5-5600 Non-ECC

### Memory Slots

Four DDR5 UDIMM slots, dual-channel capable

### Max Memory<sup>[2]</sup>

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 NVMe® Opal

### SATA Controller

Onboard Intel® RSTe SATA RAID

### SATA/SAS Drive

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC623-CG codec

### Power Supply

750W Platinum Fixed

## DESIGN

### Keyboard

USB, Calliope, Black, Spanish (LA)

### Mouse

USB Calliope Mouse, Black

### Dimensions (WxDxH)<sup>[3]</sup>

170 x 315.35 x 376 mm (6.7 x 12.4 x 14.8 inches, with feet)

### Weight<sup>[4]</sup>

9.67 kg (21.32 lbs, maximum configuration)

## CONNECTIVITY

Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

### Optional Ethernet

None

### WLAN + Bluetooth

Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4, vPro®

### Card Reader

None

### Front Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), 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

- 2x USB-A (Hi-Speed USB / USB 2.0)
- 2x 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

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

### Cover Lock

None

### Cable Lock

No Cable

### Chassis Intrusion Switch

None

## MANAGEABILITY

### System Management

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 / Mexican Spanish / English

### Bundled Software

None

## MODEL

TopSeller : No

EAN / UPC / JAN: None

Announce Date: 2025-07-07

End of Support : 2033-06-15

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

[3] The system dimensions may vary depending on configurations.

[4] 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.

- Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.

## 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



Intel Wi-Fi 7 BE200 WLAN Module  
4XCIT98243



NVIDIA GeForce RTX 5070 12GB  
DP\*3+HDMI\*1 GDDR7 Graphics Card  
4X61U02754

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

## 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)

PSREF  
Product Specifications  
Reference