

**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® RTX 2000 Ada Generation 16GB

**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 256GB (4x 64GB DDR5 CUDIMM)

**PCIe NVMe Controller**

Integrated NVMe® Controller

**PCIe NVMe Drive**

1x 1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal

**SATA Controller**

Onboard Intel® RSTe SATA RAID

**SATA/SAS Drive**

None

**Optical**

9.0mm DVD±RW

**Audio Chip**

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

**Power Supply**

750W Platinum Fixed

**DESIGN****Keyboard**

USB Traditional Keyboard, Black, English

**Mouse**

USB Calliope Mouse, Black

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

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

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

14.38 kg (31.70 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**

SD Card Reader

**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)

**Optional Front Ports (configured)**

1x SD card reader

**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)**

1x DP (Flex IO)

**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](#)

**Mil-Spec Test**

MIL-STD-810H military test passed

**SOFTWARE****Operating System**

Windows® 11 Pro, English (US) / English (UK)

**Bundled Software**

None

**MODEL**

TopSeller : Yes

Announce Date: 2025-04-17

EAN / UPC / JAN: 198158137317

End of Support : 2033-05-17



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



Comprehensive hardware & OEM software support



Single point of contact for simplified end-to-end case management

## 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.

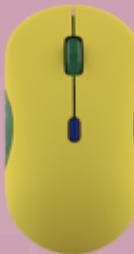
## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

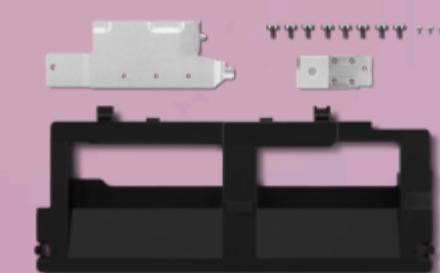
- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories



Lenovo 350 Bluetooth Silent Mouse (Fan Edition - Brazil) GY51U71760



ThinkStation Cable Kit for Graphics Card - P3 Tower G2 4XH1U85099

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

## Recommended Services

BEST	3Y Premier Support Upgrade from 3Y Onsite + 3Y Keep Your Drive Add On + CO2 Offset 1 ton (2nd Generation Carbon Offset Projects) (5WS0U26646, 5PS0Q11763, 5WS1L72251)
BETTER	3Y Premier Support Upgrade from 3Y Onsite + 3Y Keep Your Drive Add On (5WS0U26646, 5PS0Q11763)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26646)



PSREF  
Product Specifications  
Reference