

PERFORMANCE

Processor

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

AI PC Category^[1]

AI-Ready Workstations

Processor Sockets

1x FCLGA1851

Integrated Graphics

Integrated Intel® Graphics

Discrete Graphics

1x NVIDIA® RTX A400 4GB

Chipset

Intel® Q870 Chipset

Memory

1x 32GB CSODIMM DDR5-6400 Non-ECC

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 128GB (2x 64GB DDR5 CSODIMM)

PCIe® NVMe® Controller

Integrated NVMe® controller

PCIe® NVMe® Drive

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

Audio Chip

High Definition (HD) Audio, Realtek® ALC233VB codec

Power Supply

330W 90% Adapter

DESIGN

Keyboard

USB Traditional Keyboard, Black, English

Mouse

USB Calliope Mouse, Black

Expansion Slots

One PCIe® slot via specific riser card:
PCIe® 4.0 x16 (negotiable link width x8) and low profile for discrete graphics card,
PCIe® 4.0 x4 and low profile for serial or ethernet adapters

Case Color

Black

Dust Filter

None

Toolless Chassis Screw

None

Mounting

None

Stand

Vertical Stand

Dimensions (WxDxH)^[3]

179 x 182.9 x 37mm with rubber feet (7.0 x 7.2 x 1.5 inches with rubber feet)

Weight^[4]

1.4 kg (3 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®

Front Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

Rear Ports^[5]

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)

Optional Rear Ports (configured)

4x miniDP 1.4a on NVIDIA® RTX A400

SECURITY & PRIVACY

Security Chip

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

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Cable Lock

No Cable

Chassis Intrusion Switch

Chassis Intrusion Switch

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

Bundled Software

None

MODEL

TopSeller	: Yes	Announce Date	: 2025-05-12
EAN / UPC / JAN	: 198158138024	End of Support	: 2033-06-12



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.

[5] For video ports on discrete graphics, please see graphics section.

· 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



ThinkCentre Tiny VESA Mount II

4XFON03161

The ThinkCentre Tiny VESA Mount II is a unique design specific to house the Tiny PC while featuring the universal VESA mount configuration. The VESA standard enables this mount to attach to anything that is VESA comp...

Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39273)
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