

PERFORMANCE

Processor

Intel® Core™ i7-14700, 20C (8P + 12E) / 28T, Max Turbo up to 5.4GHz, P-core 2.1 / 5.3GHz, E-core 1.5 / 4.2GHz, 33MB

AI PC Category^[1]

AI-Ready Workstations

Processor Sockets

1x FCLGA1700

Integrated Graphics

Integrated Intel® UHD Graphics 770

Discrete Graphics

1x NVIDIA® RTX A1000 8GB

Chipset

Intel® Q670 Chipset

Memory^[2]

1x 16GB SO-DIMM DDR5-5600 Non-ECC

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[3]

Up to 96GB (2x 48GB DDR5 SO-DIMM)

PCIe® NVMe® Controller

Integrated NVMe® controller

PCIe® NVMe® Drive

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

Audio Chip

High Definition (HD) Audio, Realtek® ALC256VB codec

Power Supply

300W 90% Adapter

DESIGN

Keyboard

USB Calliope Keyboard, Black, English

Mouse

USB Calliope Mouse, Black

Expansion Slots^[4]

One PCIe® 4.0 x8, low-profile

Case Color

Black

Dust Filter

None

Toolless Chassis Screw

None

Mounting

None

Stand

None

Dimensions (WxDxH)^[5]

- Tiny only | 179 x 182.9 x 37mm with rubber feet (7.0 x 7.2 x 1.5 inches with rubber feet)
- Tiny & ODD | 204.2 x 186.6 x 64 mm with rubber feet (8.04 x 7.35 x 2.52 inches with rubber feet)

Weight^[6]

1.4 kg (3 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

Optional Ethernet

None

WLAN + Bluetooth^[7]

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.1, vPro®

Front Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), 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^[8]

- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), 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 A1000

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^[9]

Intel® vPro® Enterprise with Intel® AMT 16

SERVICE

Base Warranty

3-year, Onsite

Included Upgrade

3Y Premier Support Upgrade from 3Y Onsite

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	: 2024-12-17
EAN / UPC / JAN	: 198156455352	End of Support	: 2031-04-30



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] System comes with DDR5-5600 memory and some configurations will run at 5200 MT/s due to the memory support capability of processor.

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

[4] Supports discrete graphic card by x16 riser card (x8 signal), and supports Ethernet card / Thunderbolt 4 / serial card by x4 riser card. Riser card comes with the expansion cards.

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

[6] The system weight is approximate and based on results in.....

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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 Mount supports both 75x75mm and 100x100mm VESA. The VESA standard enabl...

Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L42432)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L42322)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86700)

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



PSREF
Product Specifications
Reference