

PERFORMANCE

Processor
Intel® Core i9-14900K, 24C (8P + 16E) / 32T, Max Turbo up to 6.0GHz, P-core 3.2 / 5.6GHz, E-core 2.4 / 4.4GHz, 36MB

AI PC Category^[1]
AI-Ready Workstations

Processor Sockets
1x FCLGA1700

Integrated Graphics
Integrated Intel® UHD Graphics 770

Discrete Graphics
None

Chipset
Intel® W680 Chipset

Memory
2x 32GB SO-DIMM DDR5-4800 Non-ECC

Memory Slots
Four DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]
Up to 192GB (4x 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

SATA Controller
Integrated SATA controller

SATA/SAS Drive
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC897-Q codec

Power Supply
300W 90% Adapter

DESIGN

Keyboard
USB Traditional Keyboard, Black, Nordic (DK/FI/NO/SV)

Mouse
USB Calliope Mouse, Black

Dust Filter
None

Dimensions (WxDxH)^[3]
87 x 223 x 202 mm (3.43 x 8.78 x 7.95 inches)

Weight^[4]
3.6 kg (7.94 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet

Intel® I225-LM + I210-AT, 2x RJ-45, 2.5GbE + GbE

Optional Ethernet
None

WLAN + Bluetooth
None

Front Ports
• 2x Thunderbolt™ 4
• 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
• 1x headphone / microphone combo jack (3.5mm)

Rear Ports^[5]
• 4x USB-A (USB 10Gbps / USB 3.2 Gen 2)
• 3x DisplayPort™ 1.2
• 1x Ethernet (2.5GbE RJ-45)
• 1x Ethernet (GbE RJ-45)

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

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
1Y Premier Support from 3Y Onsite Windchill bundles (CPN)

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, Nordic (DK/FI/SV/NO/EN)

Bundled Software
None

MODEL

TopSeller : Yes EAN / UPC / JAN: 0198154224301
Announce Date: 2024-05-28 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] 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.

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

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Premier Support - A direct 24x7x365 line to our most elite technicians.

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Advanced technical support, 24x7x365, in more than 100 markets
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Technical Account Managers for proactive relationship and escalation management
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Comprehensive hardware & OEM software support
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Priority on service delivery and repair parts
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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 Wired VoIP Headset (Teams)
4XD1M45626



Lenovo USB-C Cable 1m 4X90U90619

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

Recommended Services

BEST	4Y Premier Support upgrade from 1Y Premier Support (5WS1F52299)
BETTER	3Y Premier Support Plus upgrade from 1Y Premier Support (5WS1L39148)
GOOD	3Y Premier Support upgrade from 1Y Premier Support (5WS1B61706)



PSREF
Product Specifications
Reference