

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**<sup>[1]</sup>  
AI-Ready Workstations

**Processor Sockets**  
1x FCLGA1700

**Integrated Graphics**  
Integrated Intel® UHD Graphics 770

**Discrete Graphics**  
None

**Chipset**  
Intel® W680 Chipset

**Memory**  
2x 32GB UDIMM DDR5-4400 Non-ECC

**Memory Slots**  
4 DDR5 DIMM slots, 2 channels capable

**Max Memory**<sup>[2]</sup>  
Up to 128GB (4x 32GB DDR5 UDIMM)

**PCIe NVMe Controller**  
Integrated NVMe® Controller

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

**SATA Controller**  
Onboard Intel® RSTe SATA RAID

**SATA/SAS Drive**  
None

**Optical**  
None

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC897Q-CG codec

**Power Supply**  
1100W 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>  
13.61 kg (30.00 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

**Optional Ethernet**  
None

**WLAN + Bluetooth**  
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.1, vPro®<sup>[5]</sup>

**Card Reader**  
SD Card Reader

**Front Ports**  
• 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), 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**<sup>[6]</sup>  
• 4x 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**<sup>[7]</sup>  
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](#)

SOFTWARE

**Operating System**  
Windows® 11 Pro, English

**Bundled Software**  
None

MODEL

**TopSeller** : Yes      **EAN / UPC / JAN:** 198153627158  
**Announce Date:** 2024-04-09      **End of Support** : 2031-01-31



Product image is a sample, it may not match the real color of this model

Note:

<sup>[1]</sup> 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.

<sup>[2]</sup> The max memory is based on the test results with current Lenovo memory offerings.

<sup>[3]</sup> The system dimensions may vary depending on configurations.

<sup>[4]</sup> 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.

<sup>[5]</sup> Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitations. Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

<sup>[6]</sup> For video ports on discrete graphics, please see graphics section.

<sup>[7]</sup> Intel vPro offers a superset of DASH's defined capabilities.

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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.

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Recommended Accessories



Lenovo Wired VoIP Headset (Teams)  
4XD1M45626



Lenovo USB-C to USB-C Cable 2m  
4X90Q59480

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

Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39058)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86700)
GOOD	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39322)



PSREF  
Product Specifications  
Reference