

PERFORMANCE

**Processor**  
Intel® Core i7-14700K, 20C (8P + 12E) / 28T, Max Turbo up to 5.6GHz, P-core 3.4 / 5.5GHz, E-core 2.5 / 4.3GHz, 33MB Intel Smart Cache

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

**Processor Sockets**  
1x FCLGA1700

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

**Discrete Graphics**  
1x NVIDIA® RTX 2000 Ada Generation 16GB

**Chipset**  
Intel® W680 Chipset

**Memory**  
2x 16GB 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 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal

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

**SATA/SAS Drive**  
1x 2TB HDD 7200rpm 3.5" SATA6Gb/s

**Optical**  
None

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

**Power Supply**  
750W Platinum Fixed

DESIGN

**Keyboard**  
USB Calliope 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 + BT5.3, vPro®

**Card Reader**  
None

**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)

**Rear Ports**<sup>[5]</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)**  
None

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>[6]</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:** 198156643681  
**Announce Date:** 2024-12-31      **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.

- 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
- 

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



Lenovo Professional Wireless Keyboard and Mouse Combo - US English 4X31R64316



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs) 4XD1T54899

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

Recommended Services

BEST	5Y Premier Support upgrade from 3Y Premier Support (5WSOW86759)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WSOW86700)
GOOD	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L42322)



PSREF  
Product Specifications  
Reference