



PERFORMANCE

**Processor**  
AMD Ryzen™ Threadripper PRO 5945WX (12C / 24T, 4.1 / 4.5GHz, 6MB L2 / 64MB L3)

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

**Processor Sockets**  
1x sWRX8

**Discrete Graphics**  
1x NVIDIA® RTX 4000 Ada Generation 20GB

**Chipset**  
AMD WRX80 Chipset

**Memory**  
2x 32GB RDIMM DDR4-3200 ECC

**Memory Slots**  
8 DDR4 DIMM slots, 8 channels capable

**Max Memory**<sup>[2]</sup>  
Up to 1TB (8x 128GB RDIMM)

**PCIe NVMe Controller**  
Integrated NVMe® Controller

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

**SATA Controller**  
Integrated SATA Controller

**SATA/SAS Drive**  
None

**Optical**  
None

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC4050H codec

**Power Supply**  
1000W Platinum Fixed

DESIGN

**Keyboard**  
USB Traditional Keyboard, Black, German

**Mouse**  
USB Calliope Mouse, Black

**Dimensions (WxDxH)**<sup>[3]</sup>  
165 x 455x 446 mm (6.5 x 17.9 x 17.6 inches)

**Weight**<sup>[4]</sup>  
24 kg (52.91 lbs, maximum configuration)

CONNECTIVITY

**Onboard Ethernet**  
Marvell AQtion AQN-107, 1x 10GbE RJ-45

**Optional Ethernet**

None

**WLAN + Bluetooth**  
None

**Card Reader**  
None

**Front Ports**  
• 2x USB-C® 3.2 Gen 2 (support data transfer)  
• 1x USB 3.2 Gen 2 (Always On and fast charge)  
• 1x USB 3.2 Gen 2  
• 1x headphone / microphone combo jack (3.5mm)

**Optional Front Ports (configured)**  
None

**Rear Ports**<sup>[5]</sup>  
• 2x USB 2.0  
• 4x USB 3.2 Gen 2  
• 1x Ethernet (10GbE RJ-45)  
• 1x line-in (3.5mm)  
• 1x line-out (3.5mm)  
• 1x microphone (3.5mm)  
• 2x PS/2 ports (keyboard / mouse)

**Optional Rear Ports (configured)**  
None

SECURITY & PRIVACY

**Security Chip**  
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

**Physical Locks**  
• Access panel lock kit with common key  
• Kensington® Security Slot™, 3 x 7 mm

**Cover Lock**  
Lock Kit with Common Key

**Chassis Intrusion Switch**  
Chassis Intrusion Switch

MANAGEABILITY

**System Management**  
AMD PRO

**Diagnostic**  
Front 4-Digit Diagnostic LED

SERVICE

**Base Warranty**  
3-year, Onsite

**Included Upgrade**  
None

CERTIFICATIONS

**ISV Certifications**  
Please visit [www.thinkworkstations.com/isv-certifications/](http://www.thinkworkstations.com/isv-certifications/)

SOFTWARE

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

**Bundled Software**  
None

MODEL

**TopSeller** : Yes      **EAN / UPC / JAN:** 0198158441629

**Announce Date:** 2025-03-22      **End of Support** : 2030-10-05



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.

- Please refer to the official [Lenovo store website](https://www.lenovo.com) 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 Bluetooth Rechargeable Mouse 4Y51J62544



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

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

Recommended Services

BEST	3Y Premier Support Upgrade from 3Y Onsite + 3Y Keep Your Drive Add On + CO2 Offset 3 ton (5WS0U26649, 5PS0L20549, 5WS1C41958)
BETTER	3Y Premier Support Upgrade from 3Y Onsite + 3Y Keep Your Drive Add On (5WS0U26649, 5PS0L20549)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26649)



PSREF  
Product Specifications  
Reference