



- Intel Xeon w7-3455, 24C (24P + 0E) / 48T, 2.5 / 4.8GHz, 67.5MB
- 8x 16GB RDIMM DDR5-4800 ECC
- 1x 1TB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal
- 1x NVIDIA RTX A1000 8GB
- Windows 11 Pro for Workstations, English
- 3Y Premier Support Upgrade from 3Y Onsite

The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

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

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- 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

Recommended Accessories United Kingdom



Lenovo Wired VoIP Headset (Teams)

4XD1M45626



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Intel E810-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter

4XC1U87489



NVIDIA RTX PRO 4500 Blackwell 32GB DP*4 GDDR7 Graphics Card

4X61T95637



Lenovo PS8S Portable SSD 4TB

4XB1T91892



Lenovo 310 FHD Webcam Black

GXC1S15024

>> [View More Accessories](#)

PERFORMANCE**Processor**

Intel Xeon® w7-3455, 24C (24P + 0E) / 48T, 2.5 / 4.8GHz, 67.5MB

AI PC Category^[1]

AI-Ready Workstations

Processor Sockets

1x FCLGA4677

Discrete Graphics

1x NVIDIA® RTX A1000 8GB

Chipset

Intel® W790 Chipset

Memory^[2]

8x 16GB RDIMM DDR5-4800 ECC

Memory Slots

8 DDR5 DIMM slots, 8 channels capable

Max Memory^[3]

Up to 1TB (8x 128GB RDIMM)

PCIe NVMe Controller

Integrated NVMe® Controller, non-RAID

PCIe NVMe Drive

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

SATA Controller

Onboard Intel® RSTe SATA

SATA/SAS Drive

None

Audio Chip

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

Power Supply

1400W Platinum Fixed^[4]

DESIGN**Keyboard**

USB Traditional Keyboard, Black, English

Mouse

USB Calliope Mouse, Black

Dimensions (WxDxH)^[5]

175 x 508 x 434.4 mm (6.9 x 20 x 17.1 inches, with feet)

Weight^[6]

24.5 kg (54 lbs, maximum configuration)

CONNECTIVITY**Onboard Ethernet**

Intel® I219-LM + Marvell AQtion AQC-113C, 2x RJ-45, GbE + 10GbE

Optional Ethernet

None

WLAN + Bluetooth

None

Card Reader

15-in-1 Card Reader

Front Ports

1x headphone / microphone combo jack (3.5mm)

Optional Front Ports (configured)

- 2x USB-C® 3.2 Gen 2
- 2x USB 3.2 Gen 2

Rear Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x Ethernet (10GbE RJ-45)
- 1x Ethernet (GbE RJ-45)
- 1x line-in (3.5mm)
- 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

- 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^[7]**

Intel® vPro® Enterprise with Intel® AMT 16

Diagnostic

Front Diagnostic Panel with QR code

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 for Workstations, English

Bundled Software

None

MODEL

TopSeller : Yes

Announce Date: 2025-04-29

EAN / UPC / JAN: 198158921978

End of Support : 2031-10-30



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 DDR5-4800 memory and some configurations will run at 4400 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] Countries with input voltage is 100 - 111.9V, output power is limited to 1125W; input voltage is 120V, output power is limited to 1250W.

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

[6] 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.

[7] 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.