

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
- Processor Sockets**
1x FCLGA1700
- Integrated Graphics**
Integrated Intel® UHD Graphics 770
- Discrete Graphics**
1x NVIDIA® GeForce RTX™ 4070 12GB
- Chipset**
Intel® W680 Chipset
- Memory**
2x 32GB UDIMM DDR5-4400 Non-ECC
- Memory Slots**
Four DDR5 UDIMM slots, dual-channel capable
- Max Memory**
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
- Storage Support**
Up to 2x 3.5" SATA HDD; also supports up to 3x M.2 SSD (two by onboard, one by M.2 to PCIe® adapter)
• 3.5" HDD up to 4TB each
• Onboard M.2 SSD up to 4TB each
• M.2 SSD by M.2 to PCIe® adapter up to 2TB
- Audio Chip**
High Definition (HD) Audio, Realtek® ALC897Q-CG codec
- Power Supply**
750W Platinum Fixed

DESIGN

- Keyboard**
USB Calliope Keyboard, Black, German
- Mouse**
USB Calliope Mouse, Black
- Expansion Slots**
Supports four PCIe® slots with two PCIe® 4.0 x16 and two PCIe® 3.0 x1.
• Slot 1: PCIe® 4.0 x16, full height, full length, 75W, double-width
• Slot 2: PCIe® 3.0 x1, full height, half length, 25W
• Slot 3: PCIe® 4.0 x16 (x4 lanes), full height, half length, 25W
• Slot 4: PCIe® 3.0 x1, full height, half length, 25W

- M.2 Slots**
• Up to 3x M.2 SSD:
• 2 via onboard slots, PCIe® 4.0 x4
• 1 via Single M.2 to PCIe® adapter, PCIe® 3.0 x4
• One M.2 slot (for WLAN)
- Bays**
Three internal disk bays, up to two 3.5" bays plus one 2.5" bay:
• Bay 1 supports one 3.5" HDD, standard; or one 2.5" HDD / SSD, optional
• Bay 2 supports one 3.5" HDD or 2.5" HDD / SSD, optional
• Bay 3 supports one 2.5" HDD / SSD, optional
• Front Access HDD Bay supports one 3.5" HDD or 2.5" HDD / SSD, optional, occupies Bay 2 location
- Dimensions (WxDxH)**
170 x 315.35 x 376 mm (6.7 x 12.4 x 14.8 inches, with feet)
- Weight**
9.67 kg (21.32 lbs, maximum configuration)

CONNECTIVITY

- Onboard Ethernet**
Intel® I219-LM, 1x GbE RJ-45
- 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)
- Rear Ports**
• 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 (RJ-45)
• 1x line-out (3.5mm)

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
- Cable Lock**
No Cable

MANAGEABILITY

- System Management**
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

- Green Certifications**
• ENERGY STAR® 8.0
• EPEAT™ Gold Registered
• ErP Lot 3
• RoHS compliant
• TCO Certified 9.0

- ISV Certifications**
Please visit [ISV certifications for Lenovo® Workstations](#)

SOFTWARE

- Operating System**
Windows® 11 Pro, German

MODEL

- | | | | |
|-----------------|-----------------|----------------|--------------|
| TopSeller | : Yes | Announce Date | : 2024-03-19 |
| EAN / UPC / JAN | : 0198153370276 | End of Support | : 2032-04-19 |

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

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 Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

Recommended Services

BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1B61706)
GOOD	2Y Premier Support upgrade from 1Y Premier Support (5WS1B61703)

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>



PSREF
Product Specifications
Reference