ThinkStation P8 30HH002UUS

PSREF
Product Specifications Reference

PERFORMANCE

Processor
AMD Ryzen™ Threadripper PRO 7955WX (16C / 32T, 4.5 / 5.3GHz, 16MB L2 / 64MB L3)

Processor Sockets
1x sTR5

Discrete Graphics
1x NVIDIA® RTX A4000 16GB

Chipset
AMD WRX90 chipset

Memory
4x 16GB RDIMM DDR5-4800 ECC

Memory Slots
8 DDR5 DIMM slots, 8 channels capable

Max Memory[1]
Up to 1TB (8x 128GB 3DS-RDIMM)

PCIe® NVMe® Controller
Integrated NVMe® Controller with RAID 0/1/10/5

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

SATA Controller
Integrated SATA Controller with RAID 0/1/5

Storage Support[2][3]
Up to 7 drives (HDD maximum, 3x 3.5" HDD + 4x M.2 SSD);
or 8 drives (M.2 SSD maximum, 8x M.2 SSD);
or 6 drives (U.3 SSD maximum, 2x U.3 SSD + 4x M.2 SSD)
• 3.5" HDD up to 12TB each
• M.2 SSD up to 4TB each
• U.3 SSD up to 15.36TB each

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

Power Supply
1400W Platinum Fixed

DESIGN

Keyboard
USB Traditional Keyboard, Black, English

Mouse
USB Calliope Mouse, Black

Expansion Slots
Supports 7 PCIe® slots with 6x PCIe® 5.0 slots and 1x PCIe® 4.0 slot.
• Slot 1: PCIe® 5.0 x16, full height, full length, 75W, double-width
• Slot 2: PCIe® 5.0 x8, full height, full length, 25W
• Slot 3: PCIe® 5.0 x16, full height, full length, 75W, double-width
• Slot 4: PCIe® 5.0 x8, full height, full length, 25W
• Slot 5: PCIe® 5.0 x16, full height, full length, 75W, double-width
• Slot 6: PCIe® 5.0 x16, full height, full length, 75W
• Slot 7: PCIe® 4.0 x8, full height, half length, 25W

Bays
Three internal disk bays plus one front access M.2 bay:
• Bay 1 supports one 3.5" HDD, standard, optional support for two M.2 SSD or one U.3 SSD
• Bay 2 supports one 3.5" HDD, standard, optional support for two M.2 SSD or one U.3 SSD
• Bay 3 supports one 3.5" HDD, optional
• Front access M.2 bay supports one M.2 SSD, optional

Dimensions (WxDxH)[4]
175 x 508 x 434.4 mm (6.9 x 20 x 17.1 inches, with feet)

Weight[5]
22.7 kg (50.0 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet
Realtek® RTL8111EP + Marvell AQtion AQC-113, 2x RJ-45, GbE + 10GbE

WLAN + Bluetooth®[6]
AMD Wi-Fi® 6E RZ616, 802.11ax 2x2 + BT5.3

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[7]
- 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)

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG 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 Manageability

Diagnostic
Front Diagnostic Panel with QR code

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
3Y Premier Support Upgrade from 3Y Onsite

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0, EPEAT™ Gold Registered
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- TCO Certified 9.0
- GREENGUARD®
- RoHS compliant

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

SOFTWARE

Operating System
Windows® 11 Pro, English

MODEL

TopSeller	: Yes	**Announce Date**	: 2024-01-08
EAN / UPC / JAN	: 197531578518	**End of Support**	: 2032-01-25

Note:
[1] The max memory is based on the test results with current Lenovo memory offerings.
[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[3] For certain post-manufacturing storage upgrades, additional upgrade kits may be required.
[4] The system dimensions may vary depending on configurations.
[5] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2369?M=30HH002UUS

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 USB-C to Ethernet Adapter

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39074)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39415)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86673)

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

Lenovo **PSREF**
Product Specifications Reference