

# ThinkStation P2 Tower

## PSREF

Product Specifications  
Reference

### 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

**AI PC Category**  
AI-Ready Workstations

**Processor Sockets**  
1x FCLGA1700

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

**Discrete Graphics**  
1x NVIDIA® GeForce RTX™ 4070 12GB

**Chipset**  
Intel® W680 Chipset

**Memory<sup>[1]</sup>**  
2x 16GB 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

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

**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

**Optical**  
9.0mm DVD±RW

**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

**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

**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

**Optional Ethernet**  
None

**WLAN + Bluetooth®**  
None

**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**  
• 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)

**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**  
Intel® vPro® Enterprise with Intel® AMT 16

### 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  
• ErP Lot 3  
• RoHS compliant  
• TCO Certified 9.0

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

### SOFTWARE

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

**Bundled Software**  
None

### MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2024-12-31
<b>EAN / UPC / JAN</b>	: 198156629180	<b>End of Support</b>	: 2032-04-19

Note:  
[1] 4400MT/s is the maximum operating speed, memory.....  
• Lenovo reserves the right to change specifications without notice.

To see more note information, please link to  
<https://psref.lenovo.com/Detail/2458?M=30FRO06TAU>

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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.

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- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

### Lenovo USB-C to Ethernet Adapter

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 (5WS1L42432)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L42322)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86700)

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

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