ThinkStation P2 Tower

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-14700K, 20C (8P + 12E) / 28T, Max Turbo up to 5.6GHz, P-core 3.4 / 5.5GHz, E-core 2.5 / 4.3GHz, 33MB

Processor Sockets
1x FCLGA1700

Integrated Graphics
Integrated Intel® UHD Graphics 770

Discrete Graphics
1x NVIDIA® RTX A2000 12GB

Chipset
Intel® W680 Chipset

Memory[1]
1x 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

SATA/SAS Drive
None

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
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC897Q-CG codec

Power Supply
750W Platinum Fixed

DESIGN

Keyboard
USB Calliope Keyboard, Black, Italian

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
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)

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
None

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, WE (EN/FR/DE/NL/IT)

Bundled Software
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2024-03-19
EAN / UPC / JAN	: 0198153041244	**End of Support**	: 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=30FR003WIX

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

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	5Y Premier Support Upgrade from 3Y Onsite (5WS0T36135)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36136)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26646)

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

PSREF
Product Specifications Reference