Lenovo ThinkStation

Lenovo ThinkStation P3 Tower Gen 2
Power of a Workstation. Price of a Desktop.

Lenovo

intel CORE ULTRA 9

intel vPRO

That's the power of Intel Inside®

Experience the power of a workstation at the price of a desktop with the Lenovo ThinkStation P3 Tower. Supporting the latest Intel® Core™ Ultra processors (Series 2) with an integrated NPU and up to NVIDIA RTX PRO™ 6000 Blackwell Max-Q Workstation Edition+ graphics, the P3 Tower is built for mission-critical tasks that require superior reliability and AI-optimized performance, providing the value you need without compromising on compute power.

Processor:
5.7GHz 24 Cores
Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro®

Graphics:
RTX PRO 6000 Blackwell Max-Q
96GB GDDR7 ECC Memory

Memory:
256GB DDR5
Up to 6400MT/s ECC or non-ECC[1]

AI:
3547 TOPS
CPU package: 36 TOPS
GPU: 3511 TOPS
Total: 3547 TOPS

Features

Entry-Level Excellence
Featuring up to 125W CPUs and best-in-class GPUs

Faster, Larger Memory Capacity
Improved performance with up to 256GB+ of high-speed DDR5 6400MT/s[1] memory

AI-ready performance
Handles demanding AI workflows like image recognition, natural language processing, and speech recognition

ISV Certifications
Certified by leading industry software application vendors for seamless application use

Lenovo ThinkStation P3 Tower Gen 2
Product Specifications^

Performance

Processor
Up to Intel Core Ultra 9 processor (Series 2) with Intel vPro
(up to 24 cores, up to 5.7GHz)^

Chipset
Intel W880

Graphics
Discrete:
Up to NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition+ 96GB GDDR7 Memory

Processor Integrated:
Intel Graphics

AI
CPU: up to 15 TOPS
NPU: 13 TOPS
iGPU: 8 TOPS
GPU: up to 3511 TOPS
Total: up to 3547 TOPS

Total Memory
Up to 256GB+ DDR5, 6400MT/s[1]

Memory DIMM Capacity
16GB / 32GB / 48GB ECC UDIMM
8GB / 16GB / 32GB / 48GB non-ECC UDIMM
64GB+ non-ECC CUDIMM

Storage Type Capacity[2]
M.2 PCIe® NVMe SSD up to 4TB
2.5″ SATA SSD up to 7.68TB
3.5″ SATA HDD up to 12TB

Total Storage[3]
Up to 7 total drives
Max M.2 = 4 (16TB)[4]
Max 2.5″ = 3 (23TB) or 3.5″ = 3 (36TB)

Up to 6 total drives
Max M.2 = 2 (8TB)[4]
Max 2.5″ = 4 (30TB) or 3.5″ = 4 (48TB)

RAID
M.2 = 0/1/5
SATA - 0/1/5/10

Power Supply
500W, 750W, 1100W 92% Efficient

Connectivity

Front Ports
(2) USB-A (5Gbps)*
(2) USB-A (10Gbps)*
(1) USB-C® (20Gbps)*
(1) Audio Combo Jack
(1) Mic

Rear Ports
(1) HDMI® 2.1 TMDS
(2) DisplayPort™ 1.4
(2) USB-A (5Gbps)*
    (one supports Smart Power On)
(2) USB 2.0
(1) RJ-45 Gigabit Ethernet
(1) Audio (Line out)

Optional Rear Ports[5]
(2) USB-A (5Gbps)*
(1) USB-C (20Gbps)*
(1) Serial
(1) LPT
(1) Flexible IO Port (DisplayPort/HDMI/Type-C/VGA)

Optional WLAN
Intel Wi-Fi® 7 BE200 2x2be
+ Bluetooth® 5.4 Intel vPro®[6]

Expansion Slots
(1) PCIe 5.0 x16
(1) PCIe 4.0 x4
(2) PCIe 3.0 x1

Design

Dimensions (WxDxH)
(mm): 180 x 370 x 415
(inches): 7.09 x 14.57 x 16.34

Weight
Starting at: 19.07lbs (8.65kg)

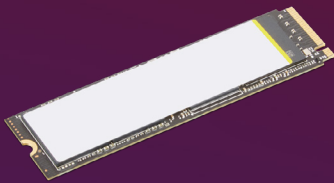intel CORe ULTRA 9 intel vPRO

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Lenovo Options & Accessories

ThinkVision P32UD-40 Display

4TB M.2 SSD

NVIDIA RTX 2000 Ada 16GB Graphics Card

Scan for system overview, supported components, and technical specifications.

For a full list of accessories and options, please visit:
accsmartfind.lenovo.com

For more details on ThinkStation and ThinkPad, please visit:
lenovo.com/workstations

Visit us on social media:
#lenovoworkstations

Lenovo ThinkStation P3 Tower Gen 2
General Specifications^

Software

Operating System
Windows 11 Pro

Windows 11 IoT Enterprise LTSC

Windows 11 Home

Ubuntu® Linux[1]

Red Hat® Enterprise Linux[2]

Windows Preloads
Lenovo Commercial Vantage

ISV Certifications[3]
Including Altair®, ANSYS®, Autodesk®, AVID®, Barco®, Bentley®, Dassault®, McKesson®, Nemetschek®, PTC®, Siemens®

For a complete list of ISV certifications visit: https://thinkworkstations.com/

Security

Intel vPro security

ThinkShield
TPM 2.0

Self-healing BIOS

Power On Password

UEFI Secure Boot

Kensington Lock Slot

Sustainability

System
95% PCC recycled plastic front bezel

Packaging
Carton: 90% Recycled and/or FSC certified content[4]

Cushion: 90% Recycled EPE

Certifications
ENERGY STAR®[5] 9.0

EPEAT®[6] Gold

RoHS Compliant

TCO 10.0[5]

Recommended Services

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkStation investment—so you can focus on your business, not your IT.

Premier Support
Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

Warranty Extensions (1 to 5 years total duration)
This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

Warranty Upgrades— Onsite and Next Business Day
Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

1 Select Ubuntu® versions available via preload.

2 Red Hat® Enterprise Linux® select versions certified.

3 Available on select models.

4 Packaging composed of recycled, and/or biobased, and/or sustainably forested content.

5 Certification available on select models.

6 Certification available on select models; EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country.

^ For a full list of configuration details please visit: **https://psref.lenovo.com**

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