

Lenovo
ThinkStation

Lenovo ThinkStation P2

Power of a Workstation, Price of a Desktop

Lenovo



Workstation performance is now within your reach with the ThinkStation P2. Purposefully built for essential tasks that are data intensive and require superior reliability and professional grade performance, the ThinkStation P2 leads on both counts and does it with exceptional all-around value. Perfectly configured for the work you do, this system supports Intel vPro® with up to Intel® Core™ i9 processors and 24 cores, NVIDIA RTX™ A2000 12GB graphics, and support for power supplies up to 750W offering premium performance at an affordable price. The ideal workstation solution for entry-level CAD, product design, STEAM educators and students alike, the versatile P2 is ISV certified and is built to meet your individual workflow needs without breaking the bank.

Processor:

6.0GHz
24 Cores

Intel vPro® platform featuring Intel® Core™ processors

Graphics:

NVIDIA RTX™
A2000¹

12GB GDDR6 Memory

Memory:

128GB
DDR5

Up to 5600MHz
ECC or non-ECC¹

Storage:

8TB M.2
PCIe® Gen4

Up to two 4TB NVMe
Performance SSDs

Features



Entry level performance leadership

Full Workstation Performance with up to 125W CPUs and best in class GPUs



Choice of storage options

Up to 24TB internal storage. Choose M.2 SSDs or, 3.5" SATA HDDs to maximize storage potential



Legendary Reliability

Tested to over 200 quality checks



ISV Certifications

Certified by leading industry software application vendors for seamless application use

Lenovo ThinkStation P2 Product Specifications[^]

Performance

Processor

Intel vPro® Platform featuring Intel® Core™ i5, i7, i9 processors (14th Gen) (up to 24 cores, up to 6.0GHz)[^]

Intel vPro® Platform featuring Intel® Core™ i3, i5, i7, i9 processors (13th Gen) (up to 24 cores, up to 5.8GHz)[^]

Intel vPro® Platform featuring Intel® Core™ i5, i7, i9 processors (12th Gen) (up to 16 cores, up to 5.2GHz)[^]

Chipset

Intel® W680

Graphics

Discrete:

Up to NVIDIA RTX™ A2000
12GB GDDR6 Memory¹

Processor Integrated:

Intel® UHD Graphics 770²

Intel® UHD Graphics 730²

Total Memory

Up to 128GB DDR5, 5600MHz³

Memory DIMM Capacity

16GB / 32GB ECC

8GB / 16GB / 32GB non-ECC

4 UDIMM Slots

Storage Type Capacity⁴

M.2 PCIe® NVMe SSD up to 4TB

3.5" SATA HDD up to 6TB

Total Storage

Up to 5 total drives

Max M.2 = 3 (10TB)⁵

Max 3.5" = 2 (12TB)

RAID

M.2 = 0/1

SATA - 0/1

Power Supply

500W, 750W, 92% Efficient

Design

Dimensions (WxDxH)

(mm): 170 x 315.4 x 376

(inches): 6.7 x 12.4 x 14.8

Weight

Starting at: 20.7lbs (9.41kg)

Connectivity

Front Ports

(2) USB-A (USB 5Gbps)^{*}

(2) USB-A (USB 10Gbps)^{*}

(1) USB-C® (USB 10Gbps)^{*}

(1) Audio Combo Jack

(1) Mic

Rear Ports

(1) HDMI® 2.1 TMDS

(2) DisplayPort™ 1.4

(4) USB-A (USB 5Gbps)^{*}
(one supports Smart Power On)

(1) RJ-45 Gigabit Ethernet

(1) Audio (line out)

Optional Rear Ports⁶

(2) USB-A (USB 5Gbps)^{*}

(2) USB-A (Hi-Speed USB)

(1) USB-C® (USB 5Gbps)^{*}

(1) USB-C® (USB 20Gbps)^{*}

(1) Thunderbolt™ 4

(2) PS/2

(1) 1x Serial

(1) 4x Serial

(1) Parallel Port

(1) VGA

(1) DisplayPort™ 1.2

(1) HDMI® 2.1 TMDS

Removable Storage⁶

(1) 3-in-1 Media Card Reader

(1) Slim ODD

(1) Front Accessible Drive Bay

Optional WLAN

Intel® I210-T1 Single Port PCIe x1 Gigabit Ethernet Adapter

Intel® I350-T2 Dual Ports PCIe x4 Gigabit Ethernet Adapter

Intel® I350-T4 Quad Ports PCIe x4 Gigabit Ethernet Adapter

Bitland RTL8168H 1000M PCIe HP

Expansion Slots

(1) PCIe® 4.0 x16

(1) PCIe® 4.0 x4

(2) PCIe® 3.0 x1

1 ISV Certification available on NVIDIA® T1000 and T400 only

2 Processor Integrated graphics dependent upon processor selected

3 Memory spec frequency listed; system support frequency may vary by configuration

4 Any combination of storage to equal maximum storage drives

5 Optional M.2 Add In Card (up to 1x2TB) adds additional storage

6 Optional, additional hardware may be required; most require PCIe® adapters and a PCIe® slot

[^] For a full list of configuration details, specifications, and any limitations please visit: <https://psref.lenovo.com>

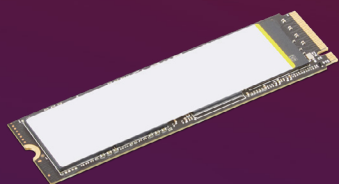
* USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.



Lenovo Options & Accessories



ThinkVision P27q-30



2TB M.2 SSD



NVIDIA® T1000
8GB 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](https://twitter.com/lenovoworkstations)



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Lenovo ThinkStation P2 General Specifications[^]

Software

Operating System

Windows 11 Pro
Windows 11 Home
Ubuntu® Linux^{®1}
Red Hat® Enterprise Linux^{®2}

Windows Preloads

Lenovo Commercial Vantage

ISV Certifications³

Including AutoCAD®, AVID®, Altair®, ANSYS®, Bentley®, Dassault® SOLIDWORKS®, Nemetschek®, and Siemens®

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

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 content⁴

Cushion: 90% Recycled EPE

Certifications

ENERGY STAR^{®5}
EPEAT^{®6} Gold
RoHS Compliant
TCO 9.0

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 and select discrete graphics cards only

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>

• Not available in all countries



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