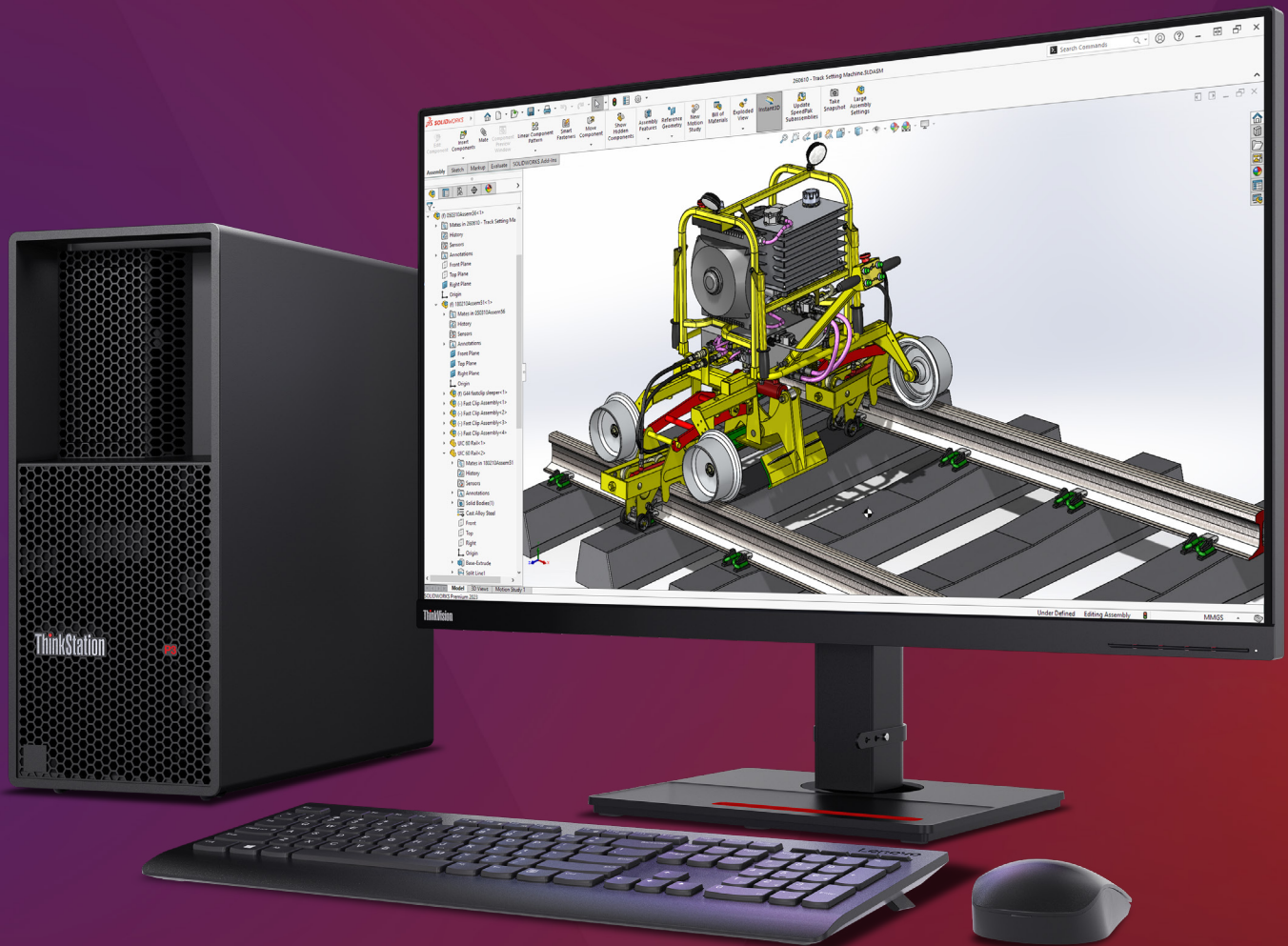


Lenovo
ThinkStation

Lenovo ThinkStation P3 Tower

Engineered by Engineers for Engineers

Lenovo



Experience the power of a workstation at the price of a desktop with the Lenovo ThinkStation P3 Tower. Supporting Intel® Core™ i9 processors and up to NVIDIA RTX™ 5000 Ada graphics, the P3 Tower is built for mission-critical tasks that require superior reliability and performance, providing the value you need without compromising on compute power.

Processor:

**6.0GHz
24 Cores**

Intel vPro® Platform featuring
Intel® Core™ processors

Graphics:

**NVIDIA RTX™
5000 Ada**

32GB GDDR6 Memory

Memory:

**128GB
DDR5**

Up to 5600MHz
ECC or non-ECC¹

Storage:

**8TB M.2
PCIe® Gen4**

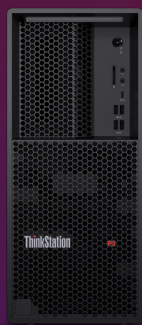
Up to two 4TB NVMe
Performance SSDs

Features



Entry level performance leadership

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



Choice of storage options

Up to 28TB internal storage. Choose M.2 SSDs, 3.5" or 2.5" 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 P3 Tower Product Specifications[^]

Performance

Processor

Intel vPro® Platform featuring Intel® Core™ i3, 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)[^]

Chipset

Intel® W680

Graphics

Discrete:

Up to NVIDIA RTX™ 5000 Ada 32GB GDDR6 Memory

Processor Integrated:

Intel® UHD Graphics 770¹

Intel® UHD Graphics 730¹

Total Memory

Up to 128GB DDR5, 5600MHz²

Memory DIMM Capacity

16GB / 32GB ECC

8GB / 16GB / 32GB non-ECC

4 UDIMM Slots

Storage Type Capacity³

M.2 PCIe® NVMe SSD up to 4TB

2.5" SATA HDD up to 1TB

3.5" SATA HDD up to 6TB

Total Storage⁴

Up to 6 total drives

Max M.2 = 3 (10TB)⁵

Max 2.5" = 3 (3TB) or 3.5" = 3 (18TB)

Up to 5 total drives

Max M.2 = 1 (2TB)⁵

Max 2.5" = 4 (4TB) or 3.5" = 4 (24TB)

RAID

M.2 = 0/1

SATA - 0/1/5/10

Power Supply

500W, 750W, 1100W 92% Efficient

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) Line out

Optional Rear Ports⁶

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

(1) USB-C® (USB 20Gbps)^{*}

(1) Thunderbolt™ 4

(2) PS/2

(1) Serial

(1) 4x Serial

(1) Flexible IO Port (DisplayPort/HDMI/
Type-C/VGA)

Optional WLAN

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi®
+ Bluetooth® 5.3, Intel vPro®^{7,8}

Expansion Slots

(1) PCIe® 4.0 x16

(1) PCIe® 4.0 x4

(2) PCIe® 3.0 x1

Design

Dimensions (WxDxH)

(mm): 180 x 370 x 415

(inches): 7.1 x 14.6 x 16.3

Weight

Starting at: 19.07lbs (8.65kg)

1 Processor Integrated graphics dependent upon processor selected

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

3 Any combination of storage to equal maximum storage drives

4 Total storage dependent on PSU selected

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

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

7 6GHz WiFi® 6E operation is dependent on the support of the operating system, routers/APs/gateways that support WiFi® 6E, along with the regional regulatory certifications and spectrum allocation

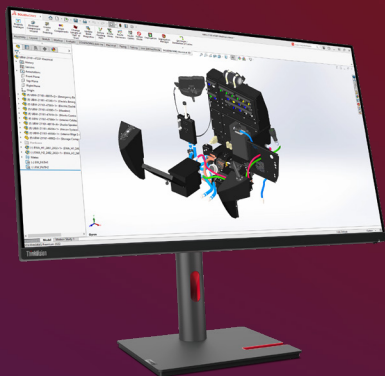
8 Bluetooth® 5.3 is hardware ready but may run at a lower version due to OS limitation

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

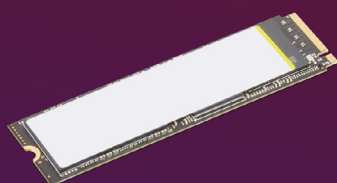
* USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.



Lenovo Options & Accessories



ThinkVision P32p-30



2TB M.2 SSD



NVIDIA RTX™ A2000
12GB 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)



February 2024 ©Lenovo. All rights reserved. Lenovo is not responsible for photographic or typographic errors. Lenovo makes no representation or warranty regarding third-party products or services. LENOVO, ThinkStation, and ThinkPad are trademarks of Lenovo.

Lenovo ThinkStation P3 Tower General Specifications[^]

Software

Operating System

Windows 11 Pro
Windows 11 Home
Ubuntu® Linux¹
Red Hat® Enterprise Linux²

Windows Preloads

Lenovo Commercial Vantage

ISV Certifications³

Including Altair®, ANSYS®, ArcGIS®, AutoCAD®, AVID®, Barco®, Bentley®, Dassault®, McKesson®, Nemetschek®, PTC®, Siemens®, Schlumberger®

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 STAR⁵
EPEAT⁶ 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

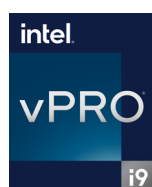
3 Available on select models

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>



NVIDIA® is a trademark and/or registered trademark of NVIDIA® Corporation in the U.S. and other countries. Intel, Intel vPro®, Core™ and Iris are trademarks of Intel Corporation or its subsidiaries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. Ubuntu is a registered trademark of Canonical Ltd. Microsoft and Windows are registered trademarks of Microsoft Corporation. USB-C® is a registered trademark of USB Implementers Forum. Other company, product, and service names may be trademarks or service marks of others.



Lenovo

Lenovo
ThinkStation

Lenovo ThinkStation P3 Tiny
The World's Smallest Workstation

Lenovo



Engineered to go where others can't, the Lenovo ThinkStation P3 Tiny offers uncompromising performance in a form factor that is 96% smaller than a traditional desktop. At only one liter in total volume, the industry's smallest workstation combines simple and efficient design with the professional power of a workstation.

Processor:

**5.8GHz
24 Cores**

Intel vPro® Platform featuring
Intel® Core™ processors

Graphics:

**NVIDIA®
T1000**

8GB DGGR6 VRAM

Memory:

**64GB
DDR5**

Up to 5600MHz¹

Storage:

**4TB M.2
PCIe® Gen4**

Up to two 2TB NVMe
Performance SSDs

Features



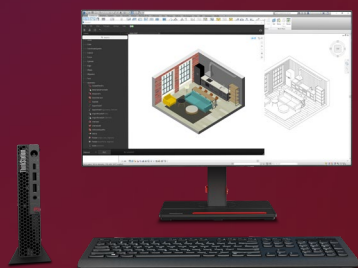
Power in a Pint-Sized Package
Workstation performance in a 1L enclosure



Robust Ecosystem
Multiple enclosure and mount options



Legendary Reliability
Tested to 10 military grade requirements and >200 quality checks



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

Lenovo ThinkStation P3 Tiny Product Specifications[^]

Performance

Processor

Intel vPro® Platform featuring Intel® Core™ i3, i5, i7, i9 processors (14th Gen) (up to 24 cores, up to 5.8GHz)[^]

Intel vPro® Platform featuring Intel® Core™ i3, i5, i7, i9 processors (13th Gen) (up to 24 cores, up to 5.6GHz)[^]

Chipset

Intel® Q670

Graphics

Discrete:

Up to NVIDIA® T1000 8GB VRAM

Processor Integrated:

Intel® UHD Graphics 770¹

Intel® UHD Graphics 730¹

Total Memory

Up to 64GB DDR5, 5600MHz²

Memory DIMM Capacity

8GB / 16GB / 32GB

2 SoDIMM Slots

Storage Type Capacity³

M.2 PCIe® NVMe SSD up to 2TB

Total Storage

Up to 2 total drives

Max M.2 = 2 (4TB)

Power Supply

170W, 230W, 300W 90% efficient

Design

Dimensions (WxDxH)

(mm): 37 x 182.9 x 179

(inches): 1.5 x 7.2 x 7

Weight

Starting at: 3.01lbs (1.4kg)

Connectivity

Front Ports

(1) USB-C® (USB 10Gbps)^{*}

(1) USB-A (USB 10Gbps)^{*}
(Fast Charge)

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

(1) Combo Audio/Microphone Jack

Rear Ports

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

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

(1) DisplayPort™

(1) HDMI®

(1) RJ-45 Gigabit Ethernet

(1) Wi-Fi® Antenna⁴

(2) Optional Punch Out (Support for Serial/DP/HDMI®/TypeC+DP/VGA/USB/LAN)⁴

WLAN

Intel® AX211 Wi-Fi® 6E 2*2ax + Bluetooth® 5.3 vPro^{5,6}

2x2 AX RTL8852BE Wi-Fi® 6 + Bluetooth® 5.3⁵

2x2 AX Wi-Fi® 6 AX 201 + Bluetooth® 5.3⁵

Expansion Slots

(1) PCIe® 4.0 x8

Expansion Options

(2) Serial/DP/HDMI®/TypeC+DP/VGA/USB/LAN Thunderbolt™ 4⁴

¹ Processor Integrated graphics dependent upon processor selected

² Memory spec frequency listed; system support frequency may vary by configuration

³ Any combination of storage to equal maximum storage drives

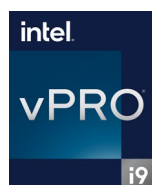
⁴ Optional, additional hardware may be required

⁵ Bluetooth® 5.3 is hardware ready but may run at a lower version due to OS limitation

⁶ 6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/gateways that support Wi-Fi® 6E, along with the regional regulatory certifications and spectrum allocation.

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

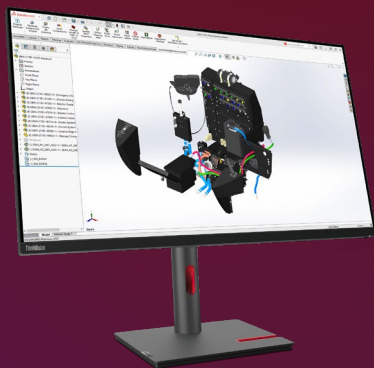
^{*} USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.



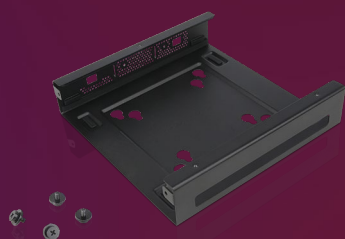
Lenovo

Smarter
technology
for all

Lenovo Options & Accessories



ThinkVision P32p-30



ThinkCentre Tiny VESA Mount II



2TB Performance M.2 SSD



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)



February 2024 ©Lenovo. All rights reserved. Lenovo is not responsible for photographic or typographic errors. Lenovo makes no representation or warranty regarding third-party products or services. LENOVO, ThinkStation, and ThinkPad are trademarks of Lenovo.

Lenovo ThinkStation P3 Tiny 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[®], Nemetschek[®], PTC[®], 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

35% PCC recycled plastic in Front and Rear 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—

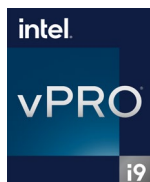
Onsite and Next Business Day

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
- 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>



NVIDIA[®] is a trademark and/or registered trademark of NVIDIA[®] Corporation in the U.S. and other countries. Intel, Intel vPro[®], Core[™] and Iris are trademarks of Intel Corporation or its subsidiaries. Linux[®] is the registered trademark of Linus Torvalds in the U.S. and other countries. Ubuntu[®] is a registered trademark of Canonical Ltd. Microsoft and Windows are registered trademarks of Microsoft Corporation. USB-C[®] is a registered trademark of USB Implementers Forum. Other company, product, and service names may be trademarks or service marks of others.



Lenovo

Lenovo
ThinkStation

Lenovo ThinkStation P3 Ultra

The Evolution of Small

Lenovo



The Lenovo ThinkStation P3 Ultra features a revolutionary form factor that is redefining the power of small. With the latest Intel vPro® with 13th Gen Intel® Core™ processors, up to NVIDIA RTX™ 4000 SFF Ada graphics, super-fast memory, and cutting-edge storage, this workstation breaks new ground by delivering superior performance and flexibility in a chassis less than four liters in total volume.

Processor:

5.8GHz
24 Cores

Intel vPro with 13th Gen Intel® Core i3, i5, i7, i9
Up to 8 P-cores, 16 E-cores

Graphics:

NVIDIA RTX
4000 SFF Ada

20GB GDDR6 Memory

Memory:

128GB
DDR5

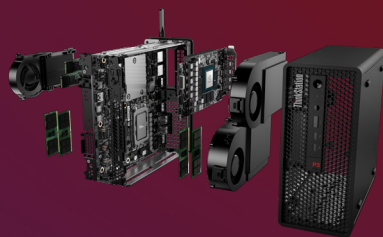
Up to 5600MHz
ECC or non-ECC²

Storage:

8TB M.2
PCIe Gen4

Up to two 4TB NVMe
Performance SSDs

Features



Redefining the Power of Small
Full performance in a 3.9L compact form factor



3 DisplayPort™ standard
Offering support for up to 8 displays



Legendary Reliability
Tested to over 200 quality checks



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

Lenovo ThinkStation P3 Ultra Product Specifications[^]

Performance

Processor

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

Chipset

Intel W680

Graphics

Discrete:

Up to NVIDIA RTX 4000 SFF Ada 20GB GDDR6 Memory

Processor Integrated:

Intel UHD Graphics 770

Total Memory

Up to 128GB DDR5, 5600MHz¹

Memory DIMM Capacity

16GB / 32GB ECC

8GB / 16GB / 32GB non-ECC

4 SoDIMM Slots

Storage Type Capacity²

M.2 PCIe NVMe SSD up to 4TB

2.5" SATA HDD up to 1TB[^]

Total Storage

Up to 3 total drives

Max M.2 = 2 (8TB)

Max 2.5" = 1 (1TB)

RAID

M.2 = 0/1

Power Supply

170W Slim, 230W, 300W 90% efficient

Design

Dimensions (WxDxH)

(mm): 87 x 223 x 202

(inches): 3.4 x 8.7 x 7.9

Weight

Starting at: 3.96lbs (1.8kg)

Connectivity

Front Ports

(1) USB-A 3.2 Gen 2 (10Gbps)^{*}

(2) Thunderbolt™ 4 Type-C (40Gbps)^{*}

(1) Audio Combo Jack

Rear Ports

(4) USB-A 3.2 Gen 2 (10Gbps)^{*}

(3) DisplayPort™

(1) 2.5Gb Ethernet

(1) 1Gb Ethernet

WLAN

Intel WiFi 6E AX211 2*2ax + Bluetooth 5.3 vPro^{3,4}

Expansion Slots

(1) PCIe 4.0 x 16

(1) PCIe 3.0 x 8 (x 4 lanes)

Expansion Options

Serial/DP/HDMI/TypeC+DP/
USB/LAN/VGA⁵

¹ Memory spec frequency listed; system support frequency may vary by configuration

² Any combination of storage to equal maximum storage drives

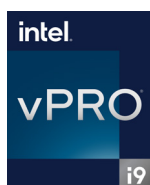
³ Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitation.

⁴ 6GHz WiFi 6E operation is dependent on the support of the operating system, routers/APs/gateways that support WiFi 6E, along with the regional regulatory certifications and spectrum allocation.

⁵ Optional, additional hardware may be required

[^] 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.



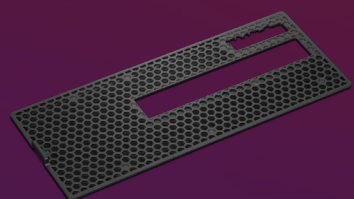
**Smarter
technology
for all**

Lenovo

Lenovo Options & Accessories



ThinkVision P32p-20



ThinkStation P3 Ultra
Dust Filter



NVIDIA RTX™ A2000
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)



September 2023 ©Lenovo. All rights reserved. Lenovo is not responsible for photographic or typographic errors. Lenovo makes no representation or warranty regarding third-party products or services. LENOVO, ThinkStation, and ThinkPad are trademarks of Lenovo.

Lenovo ThinkStation P3 Ultra General Specifications[^]

Software

Operating System

Windows 11 Pro
Windows 11 Home
Windows 10 Pro (preinstalled through downgrade rights in Windows 11 Pro)
Ubuntu® Linux¹
Red Hat® Enterprise Linux® (certified)

Windows Preloads

Lenovo Commercial Vantage

ISV Certifications²

Including AVID®, Altair®, Autodesk®, ANSYS®, Bentley®, Dassault®, Nemetschek®, PTC®, Siemens®, Barco®, McKesson®

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

85% PCC recycled plastic in Front, Rear Bezel

35% PCC recycled plastic inside chassis

Packaging

Carton: 90% Recycled and/or FSC certified content³

Cushion: 90% Recycled EPE

Certifications

ENERGY STAR⁴

EPEAT⁵ 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 versions available via preload

2 Available on select models

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

4 Certification available on select models

5 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>



NVIDIA is a trademark and/or registered trademark of NVIDIA Corporation in the U.S. and other countries. Intel, Intel vPro, Core and Iris are trademarks of Intel Corporation or its subsidiaries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. Ubuntu is a registered trademark of Canonical Ltd. Microsoft and Windows are registered trademarks of Microsoft Corporation. Other company, product, and service names may be trademarks or service marks of others.



Lenovo