

MAINSTREAM WORKSTATION ON A BUDGET

From handling large workloads to multitasking with ease, the ThinkStation P520c takes everything in stride, closing the gap in price and performance between entry-level and high-end workstations. With the latest high-performance Intel Xeon W processors, NVIDIA® professional graphics, and cutting-edge storage technologies, this compact tower is a solid workhorse. Offering incredible speeds of up to 4.7GHz and up to 18 cores for massive compute power, the ThinkStation P520c is ready to handle the demands of industry professionals. Energy-efficient and extremely reliable, it's also ISV certified, VR-ready, and comes with an affordable price tag.

FEATURES



Intel® Xeon® W Series processor



Up to NVIDIA RTX™ A5000 graphics card



Up to 256GB RDIMM ECC memory



Up to 625W power supply (up to 92% efficient)



Up to 6 total drives, including dual M.2 support



4 PCIe slots on compact chassis



Lenovo 16GB 2933MHz ECC RDIMM



NVIDIA RTX™ A5000

Lenovo ThinkStation P520c Specifications[^]

PERFORMANCE

Processor

Intel® Xeon® W Series Processor (up to 18 cores, up to 4.7GHz)

Chipset

Intel C422

Operating System

Windows 11 Pro for Workstations Windows 10 Pro for Workstations (preinstalled through downgrade rights in Windows 11 Pro for Workstations) Ubuntu® Linux® 20.04 LTS Red Hat® Linux® (certified)¹

Graphics

Up to NVIDIA RTX™ A5000

Total Memory

Up to 256GB DDR4, 2933MHz

Memory DIMM Capacity

8GB / 16GB / 32GB / 64GB 4 DIMM Slots

Total Storage

Up to 6 total drives² Max M.2 = 2 (4TB) Max 3.5" = 4 (16TB) Max 2.5" = 4 (8TB)

Storage Type Capacity

M.2 PCle SSD up to 2TB 3.5" SATA 7200rmp up to 4TB 2.5" SATA SSD up to 2TB

RAID

0/1/5/10

Power Supply

500W or 625W 92% efficient

CONNECTIVITY

Front Ports

(2) USB 3.1 Gen 1 Type A*

- (1) Media Card Reader³
- (1) Audio
- (1) Headphone
- (1) Intel Thunderbolt™ 34

Rear Ports

- (4) USB 3.1 Gen 1 Type-A*
- (2) USB 2.0 Type-A
- (2) PS/2
- (1) RJ-45 Gigabit Ethernet
- (1) Audio Line-In
- (1) Audio Line-Out
- (1) Microphone-In
- (1) Serial Port⁵
- (1) Rear Thunderbolt Adapter⁵

WLAN

Intel 8265 2x2 AC + Bluetooth™ 4.2 vPro

Removable Storage

- (1) Slim ODD⁵
- (1) Front Accessible Storage Enclosure⁵

Expansion Slots

- (2) PCle x16 Gen 3
- (1) PCle x8 Gen 3
- (1) PCle x4 Gen 3

SOFTWARE

Lenovo Preload⁶

Lenovo Commercial Vantage Lenovo ThinkShield

DESIGN

Dimensions (WxDxH)

(mm): 175 x 426 x 375.5 (inches): 6.9 x 16.8 x 14.8

Weight

Max configuration: 31.97lbs (14.5kg)

ISV CERTIFICATIONS

Adobe®, Autodesk®, AVID®, Altair®, AVEVA™, Bentley®, Dassault®, Nemetschek®, PTC®, Siemens®, Barco®, Eizo®, McKesson®

GREEN CERTIFICATIONS

ENERGY STAR® 8.07
EPEAT®
GREENGUARD®
RoHS Compliant
80 PLUS® Platinum - 500W, 620W PSU

For a full list of accessories and options, please visit:

https://accsmartfind.lenovo.com

1 Select versions available via preload; versions are configuration specific

- $2\ \mbox{Any}$ combination of storage to equal maximum storage drives
- 3 9-in-1 standard; 15-in-1 optional
- 4 Optional; available in front bay via FLEX Module
- 5 Optional
- 6 Available with the Windows Operating System only
- 7 Available on selected configurations

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

- * The actual transfer speed of the USB 3.1 Gen1 will vary and, depending on many factors, such as the processing capability of host and peripheral devices, file attributes and other factors related to system configuration and your operating environments, will be slower than a speed of 5Gbit/s.
- $\hat{\ }$ For a full list of configuration details please visit: $\begin{tabular}{l} \textbf{https://psref.lenovo.com} \end{tabular}$

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 Upgrades—Onsite and Next Business Day

Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

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.

©2021 Lenovo. All rights reserved. These products are available while supplies last. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, Attri. Dept. ZPYA/B600, Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, ThinkStation, ThinkVision, and Vantage are trademarks or registered trademarks of Lenovo. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Xeon, Thunderbolt and Intel VPro are trademarks of Intel Corporation or its subsidiaries. Bluetooth is a trademark of its proprietor and used by Lenovo under license. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. NVIDIA, the NVIDIA logo, and NVIDIA RTX are trademarks and/or registered trademarks of NVIDIA Corporation in the United States and other countries. Linux is the registered trademark of Linux Torvalds in the U.S. and other countries. USB Type-C and USB-C are trademarks of USB Implementers Forum. Other company, product, and service names may be trademarks or service marks of others.

