

ThinkStation P520c

AFFORDABLE POWER



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)



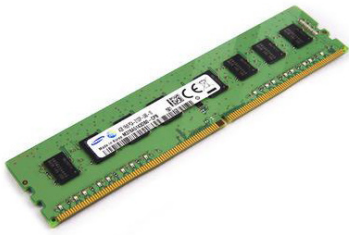
Up to 6 total drives, including dual M.2 support



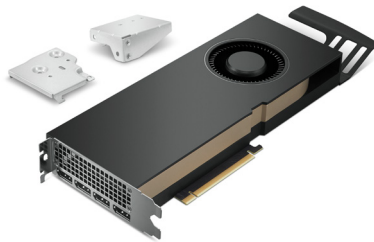
4 PCIe slots on compact chassis

Lenovo

Lenovo Options & Accessories



Lenovo 16GB 2933MHz ECC RDIMM



NVIDIA RTX™ A5000



ThinkVision P24q-20

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 PCIe SSD up to 2TB
3.5" SATA 7200rpm 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) PCIe x16 Gen 3
(1) PCIe x8 Gen 3
(1) PCIe 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®⁸
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 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.

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

Lenovo

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.

