

ThinkStation P920

EXTREME POWER AND PERFORMANCE



MOST ADVANCED DUAL-PROCESSOR WORKSTATION

Customize a ThinkStation® P920 for the performance you need, including the most I/O supporting the latest NVIDIA Quadro RTX GPUs. Superior design features in this top-of-the-line workhorse include Flex Trays that hold up to two drives per bay for total versatility, and patented Tri-Channel Cooling for enhanced reliability. Ideal for the highest performance workflows across industries, including rendering, simulation, visualization, deep learning, and artificial intelligence.

FEATURES



Dual Intel® Xeon® scalable processors



Up to 2x NVIDIA® Quadro RTX™ 8000 graphics cards



Up to 12 total drives for ultimate flexibility



1400W power supply (92% efficient)



FLEX Module, FLEX Drives



Utilize smartphone app for system diagnostic information

Lenovo™

Lenovo™ Options & Accessories



ThinkVision® P27q-20



ThinkStation® Quad M.2 Adapter



NVIDIA® Quadro RTX™ 6000

Lenovo ThinkStation P920 Specifications

PERFORMANCE

Processor

Up to Dual Intel® Xeon® Scalable Processors (up to 28 cores, up to 4.0GHz per CPU)

Chipset

Intel C621

Operating System

Windows 10 Pro for Workstations
Ubuntu® Linux®¹
Red Hat® Linux (certified)

Graphics

Up to 2x NVIDIA Quadro RTX 8000

Total Memory

Up to 2TB DDR4, 2933MHz
(supports RDIMM and LRDIMM)

Memory DIMM Capacity

8GB / 16GB / 32GB / 64GB / 128GB
16 DIMM Slots

Total Storage

Up to 12 total drives²
Up to 4 internal storage bays
Max M.2 = 2 (4TB)
Max 3.5" = 6 (36TB)
Max 2.5" = 10 (20TB)

Storage Type Capacity

M.2 PCIe SSD up to 2TB
3.5" SATA HDD 7200rpm up to 6TB
2.5" SATA SSD up to 2TB

RAID

0/1/5/10

Power Supply

1400W, 92% efficient

CONNECTIVITY

Front Ports

(4) USB 3.1 Gen 1 Type-A*
(1) Mic/Headphone Combo Jack
(1) Thunderbolt™ 3 Type-C³
(1) eSATA³
(1) USB 3.1 Gen 1 Type-C*³

Rear Ports

(4) USB 3.1 Gen 1 Type-A*
(2) USB 2.0 Type A
(2) PS/2
(2) RJ-45 Gigabit Ethernet
(1) Audio Line-In
(1) Audio Line-Out
(1) Microphone-In
(1) eSATA⁴

WLAN

Intel 8265 2x2 AC + Bluetooth™ 4.2 vPro

Removable Storage

(1) Media Card Reader⁵
(1) Slim ODD⁴
(1) Front Accessible Drive Enclosure⁴

Expansion Slots

(5) PCIe x16
(3) PCIe x4

SOFTWARE

Lenovo Preload⁶

Lenovo Vantage
Lenovo ThinkShield

DESIGN

Dimensions (WxDxH)

(mm): 200 x 620 x 446
(inches): 7.9 x 24.4 x 17.6

Weight

Max configuration: 81.6lbs (37kg)

ISV CERTIFICATIONS

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

GREEN CERTIFICATIONS

ENERGY STAR® 7.0
EPEAT®⁷
GREENGUARD®
RoHS Compliant
80 PLUS® Platinum - 1400 W 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 Optional; available in front bay via FLEX Module

⁴ Optional

⁵ 9-in-1 standard; 15-in-1 optional

⁶ Available with Windows 10 Operating System only

⁷ 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.

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.

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