

EXTREME POWER
AND
PERFORMANCE

ThinkStation

ThinkStation P920

Lenovo

ThinkStation P920



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 on 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 including rendering, simulation, visualization, deep learning and artificial intelligence across industries.

OPTIONS & ACCESSORIES

ThinkVision® P27u ▶



◀ ThinkStation® Quad M.2 Adapter



◀ Lenovo Professional Wireless
Keyboard and Mouse Combo

Lenovo®

Lenovo™ ThinkStation® P920

PERFORMANCE

Processor

Dual Intel® Xeon® Scalable Processors (up to 28 cores, up to 4.4GHz per CPU)

Operating System¹

Windows 10 Pro for Workstations
Ubuntu Linux (pre-load)
Redhat Linux (certified)

Graphics

Up to 2x NVIDIA® Quadro RTX™ 8000 or 3x GV100²

Total Memory

Up to 2TB DDR4, 2933MHz³, 16 DIMMs (supports both RDIMM and LRDIMM)

Memory DIMM Capacity

8 GB / 16 GB / 32 GB / 64 GB / 128 GB

Total Storage⁴

12 max internal drives
Up to 4 internal storage bays⁵
Max M.2 = 2 (2TB)⁶
Max 3.5" = 6 (60TB)⁶
Max 2.5" = 10 (20TB)⁶

Storage Type Capacity

3.5" SATA HDD 7200RPM up to 10TB
2.5" SAS HDD up to 1.2TB
2.5" SATA SSD up to 2TB
M.2 PCIe SSD up to 2TB

Raid⁴

0, 1, 5, 6, 10

Power Supply

1400W 92% Efficient

Chipset

Intel® C621

CONNECTIVITY

Front Ports

(4) USB 3.1 Gen 1 (Type A)*
(1) Microphone
(1) Headphone
(1) Intel® Thunderbolt™ 3

Rear Ports

(4) USB 3.1 Gen 2** Rear Adapter
(2) USB 2.0
(1) Rear Thunderbolt™ Adapter⁷
(1) Serial⁷
(1) Parallel⁷
(2) PS/2
(2) Ethernet
(1) Audio Line-In
(1) Audio Line-Out
(1) Microphone-In
(1) eSATA⁷
(1) Firewire⁷

WiFi⁸

Intel® Wireless - N 7260 AC 802.11 ac, 2 x 2, 2.4GHz / 5GHz + Bluetooth® 4.0

Removable Storage

(1) 15-in-1 Media Card Reader⁸
(1) 9.0mm Slim ODD⁷
(1) Front Accessible Drive Tray⁷
(1) Front Removable M.2 PCIe SSD Enclosure

Expansion Slots

(5) PCIe x16⁴
(3) PCIe x4

DESIGN

Dimensions (WxDxH)

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

SOFTWARE

Windows 10 Preloads

CyberLink PowerDVD
CyberLink Create
CyberLink Power2Go
Lenovo™ Companion
ThinkStation® Diagnostics
Microsoft Office 2016 (trial)

ISV CERTIFICATIONS

Adobe®; ANSYS®; AUTODESK®; AVID®; Altair®; AVEVA™; Bentley®; Dassault®; Nemetschek®; PTC®; Siemens®; Halliburton®; Schumberger®; Barco®; Eizo®; Mckesson®

GREEN CERTIFICATIONS

ENERGY STAR® 6.2 Qualified
GREENGUARD® Certified
EPEAT™ Gold rating
RoHS Compliant
80 PLUS® Platinum - 1400 W PSU
ErP Lot-6 2014

OPTIONS & ACCESSORIES

ThinkVision® P27u
ThinkVision® P24q
Rack Rail Kit
ThinkStation® Quad M.2 Adapter

For full list of accessories and options, please visit <http://accsmartfind.lenovo.com>

¹ Windows 10 Pro is pre-installed, upgradable to Workstations edition when available; Windows 7 Pro support via downgrade facilitation rights
² Includes full support for NVLINK
³ Available on Intel Xeon Gold and Platinum CPUs only
⁴ Additional hardware may be required
⁵ With 2 standard internal bays plus 2 optional bays
⁶ Any combination of storage to equal maximum storage drives
⁷ Optional
⁸ 9-in-1 Media Card Reader standard

RECOMMENDED SERVICES

Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.^{1,2}

Warranty Upgrades & Extensions

Onsite service maximizes PC uptime and productivity by providing convenient, fast repair service at customer's place and extend the term of the base warranty at the same service level, offering longer protection against unexpected repair or replacement costs. In addition, with Tech Install CRU service the installation of all internal Customer Replaceable Unit (CRU) parts will be done on your behalf by a trained technician.¹

Keep your drive

Retain your drive if it should happen to fail, giving you the peace of mind of knowing that your valuable data is secure.^{1,2}

¹ Up to 5 years total duration
² May not be available in all regions



Powered by Intel® Xeon™ processors. Intel Inside®. Powerful Productivity Outside.

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* 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.

** The actual transfer speed of the USB 3.1 Gen2 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 10Gbit/s.