

PROFESSIONAL MACHINES FOR ADVANCED USERS



Our most powerful workstations, the ThinkStation P9 Series can be configured with huge memory and storage arrays, and the most powerful graphics and processor technologies.

ThinkStation P920

Smarter technology for all

Lenovo

For the highest computational power, this 55L workstation supports up to 56 processing cores from two Intel Xeon® Scalable processors. Configure with 5 graphics cards, massive memory arrays across 16 DIMMs, and up to 12 storage drives. Save time with Lenovo PC Diagnostics, which sends diagnostics and potential solutions to your smartphone in the event of an error. Or Lenovo Performance Tuner which enables fine-tuning of detailed settings, saving them in software-specific profiles.



REASONS TO BUY

Easily replace or add components to this workstation – pull the red touch points to remove tool-lessly. In addition to 8x PCIe slots, 3x FLEX Trays can accommodate DVD drives, ThunderBolt™ ports or removable storage drives.

Certified or recommended for use with: Adobe Photoshop, Adobe After Effects, Adobe Premiere Pro

Scalable multicore processing and a truly massive error-free ECC memory capacity ensure that this workstation can handle even the most demanding data analysis workloads.

Updated 2021-11-23

ThinkStation P920

KEY SPECIFICATIONS

Processor	up to 2x 205W Intel Xeon Scalable processors
Operating System	Powered by Windows 10 Pro for Workstations
Max Graphics	2x GPU up to Quadro RTX 8000, 3x GPU up to Quadro GV100, 4x GPU up to Quadro P4000, 5x GPU up to Quadro P400
Memory	up to 1TB (DDR4-2666 LRDIMM or DDR4-2933 RDIMM) or 512GB (DDR4-2666 RDIMM)
Max Storage Drives	**Internal storage:** 60TB (6x 10TB 3.5"" SATA HDD) or 20TB (10x 2TB 2.5"" SATA SSD) or 5TB (10x 500GB 2.5"" SATA HDD) or 4.8TB (8x 600GB 2.5"" SAS HDD) or 3TB (2x 1.5TB U.2 PCIe SSD) **M.2 SSD:** 18TB (9x 2TB M.2 PCIe NVMe SSD - 2 onboard & 7 via PCIe to M.2 adapter) **Add-in Cards:** 960GB (2x 480GB PCIe NVMe SSD Add-in Cards) *Overall storage capacity depends on mix of Internal, M.2, PCIe cards and other options installed*
Storage Types Supported	3.5"" SATA HDD 6Gb/s 7.2k RPM up to 10TB 2.5"" SATA HDD 6GB/s 7.2k RPM up to 500GB FIPS 2.5"" SAS HDD 12GB/s 10k RPM up to 600GB 2.5"" SATA SSD 6GB/s up to 2TB 2.5"" U.2 PCIe NVMe SSD up to 1.5TB M.2 PCIe NVMe SSD up to 2TB Add-in Card: PCIe NVMe SSD up to 480GB RAID 0/1/10/5 supported
Storage Controllers	*M.2 SSD Controllers* RAID 0/1 RAID 0/1/10 Upgrade *HDD Controllers* Onboard Intel RSTe SATA
Optical	optional up to 3x DVD burner or Blu-ray reader drives
Diagnostic Panel	Front 4-Digit Diagnostic LED
Power Supply	1400W Platinum Fixed
Dimensions	Width: 200mm (7.87"") Depth: 620mm (24.4"") Height (with feet): 446mm (17.6"")
Weight	Maximum configuration: 32.3kg (71.3lb)

GREEN CERTIFICATIONS

GREENGUARD. EPEAT Silver rating. ENERGY STAR 6.1 qualified on select models. 80 PLUS Platinum (1400W PSU)

CONNECTIVITY

Front I/O	4x USB 3.1 Gen 1 (includes 1x 11W charging), 1x combo audio/microphone jack (3.5mm)
Rear I/O	2x USB 2.0, 4x USB 3.1 Gen 1, 2x RJ-45, 3x analog audio ports (line-in, line-out, mic-in), 2x PS/2
Optional Front Ports	*One of the following* 1x USB-C | 1x eSATA + 2x Thunderbolt | 2x Thunderbolt
Optional Rear Ports	*One of the following* serial | serial + 2x USB-C
Optional Internal Ports	1x USB 3.0
WLAN + Bluetooth	Intel 8265 11ac, 2x2 + BT4.2

SECURITY & PRIVACY

Chassis Intrusion Switch
Lock Kit with Common Key
Lock Kit with Unique Key
Access Panel Lock (optional)
Kensington lock slot
Padlock slot
TPM 2.0

MANAGEABILITY

Intel vPro with AMT 11, DASH

ISV CERTIFICATIONS

ALLPLAN, ANSYS, AVEVA PDMS, Adobe After Effects, Adobe Photoshop, Adobe Premiere Pro, Altair HyperWorks, Autodesk 3ds Max, Autodesk Alias, Autodesk AutoCAD, Autodesk Inventor, Autodesk Maya, Autodesk Revit, Autodesk VRED, Avid Media Composer, Bentley MicroStation V8i, CONNECT Edition, LumenRT, DS (CATIA, DELMIA, ENOVIA), DS 3DEXPERIENCE, DS ICEM Surf, DS SOLIDWORKS, Esri ArcGIS Desktop, FujiFilmSynapse, PTC Creo, Phillips Enterprise Imaging (IntelliSpacePACS), Sectra Enterprise Imaging, Siemens NX, TcVis, Tecnomatix, Siemens PACS Solutions, Siemens Solid Edge, Vectorworks, Vital EnterpriseImaging

Recommended for this device



High-performance storage upgrades

Some ThinkStation machines can accommodate up to 14 different storage drives

Choose from ultra-fast PCIe NVMe M.2 SSD storage modules

.. or SATA 3.5” HDD drives

On-site Service

If a problem can’t be fixed remotely, we will visit your location

Normally next business day service

Agreed appointment times

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