



**PROFESSIONAL MACHINES FOR  
ADVANCED USERS**



## ThinkStation P720

Smarter  
technology  
for all

Lenovo

A dual-processor workstation supporting up to 52 cores in total, 12 memory DIMMs and three PCIe x16 slots for the most powerful graphics cards available today. Our patented Tri-Channel cooling directs airflow over key components using an air baffle inside the machine. This separates the air into 3 zones, reducing the need for additional fans, which increase the risk of system failures if they break down.



### REASONS TO BUY

Supports up to 12 storage drives and has RAID configurations to optimize performance and provide redundancy. If using high-end processors, install up to 9x M.2 PCIe SSD storage modules.

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

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

# ThinkStation P720

## KEY SPECIFICATIONS

<b>Processor</b>	up to 2x 150W Intel Xeon Scalable processors
<b>Operating System</b>	Powered by Windows 10 Pro for Workstations
<b>Max Graphics</b>	1x GPU up to Quadro GV100 or RTX 8000, or 2x GPU up to Quadro RTX 4000, or 3x GPU up to Quadro P2000
<b>Memory</b>	up to 768GB (DDR4-2933 RDIMM)
<b>Max Storage Drives</b>	<b>Internal storage:</b> 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) <b>M.2 SSD:</b> 18TB (9x 2TB M.2 PCIe NVMe SSD - 2 onboard & 7 via PCIe to M.2 adapter) <b>Add-in Cards:</b> 960GB (2x 480GB PCIe NVMe SSD Add-in Cards) <i>Overall storage capacity depends on mix of Internal, M.2, PCIe cards and other options installed</i>
<b>Storage Types Supported</b>	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 0/1/10/5/6 supported
<b>Storage Controllers</b>	<i>M.2 SSD Controllers</i> RAID 0/1 RAID 0/1/10 Upgrade <i>HDD Controllers</i> Onboard Intel RSTe SATA
<b>Optical</b>	optional up to 2x DVD burner or Blu-ray reader drives
<b>Diagnostic Panel</b>	Front 4-Digit Diagnostic LED (optional)
<b>Power Supply</b>	<i>One of the following</i> 1000W Platinum Fixed   690W Platinum Fixed   900W Platinum Fixed
<b>Dimensions</b>	Width: 175mm (6.89") Depth: 485mm (19.1") Height (with feet): 446mm (17.6")
<b>Weight</b>	Maximum configuration: 23.7kg (52.25lb)

## GREEN CERTIFICATIONS

GREENGUARD. EPEAT Silver rating. ENERGY STAR 6.1 qualified on select models. 80 PLUS Platinum (690W & 900W PSU)

## CONNECTIVITY

<b>Front I/O</b>	4x USB 3.1 Gen 1 (includes 1x 11W charging), 1x combo audio/microphone jack (3.5mm)
<b>Rear I/O</b>	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
<b>Optional Front Ports</b>	2x Thunderbolt
<b>Optional Rear Ports</b>	<i>One of the following</i> 2x USB-C   serial   serial + 2x USB-C
<b>Optional Internal Ports</b>	1x USB 3.0
<b>WLAN + Bluetooth</b>	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

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, BarcoMedical Monitors, 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, TcViz, 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