ThinkStation P620

LIMITLESS POSSIBILITIES

GAME CHANGING POWER, RELIABILITY, AND SPEED

The ThinkStation P620 is the only AMD Ryzen Threadripper PRO powered workstation, delivering game-changing power and speed with the largest core count professional workstation: up to 64 cores and 4.5GHz. Perfect for those who demand more power for multi-threaded applications, the P620 combines Lenovo's legendary reliability, experience and customer-driven innovation with professional manageability and enterprise-class support.

Purpose built with the speed and configurability you crave, this powerhouse workstation offers PCIe Gen4 for increased storage speed and expandable memory, as well as unmatched NVIDIA® graphics support, and 10GB of built-in ethernet—a new standard in connectivity.

FEATURES

- AMD Ryzen™ Threadripper™ PRO Processor
- Up to 2 NVIDIA RTX™ A6000 graphics cards
- Up to 20TB of storage
- Up to 1TB 3200MHz ECC memory
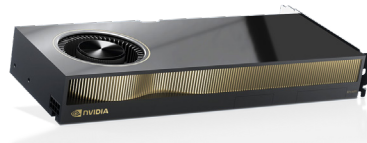- Gen4 support for PCIe slots and M.2 storage
- Air cooled thermals

Lenovo

Lenovo Options & Accessories

ThinkVision P27q-20

NVIDIA RTX™ A6000

4TB Enterprise HDD

Lenovo ThinkStation P620 Specifications^

PERFORMANCE

Processor
AMD Ryzen™ Threadripper™ PRO
(up to 4.5GHz; up to 64 Cores)

Chipset
AMD 2019 Premium Chipset BXB-B

Operating System
Windows 11 Pro
Windows 10 Pro (preinstalled through
downgrade rights in Windows 11 Pro)
Ubuntu® Linux®[1]
Red Hat® Enterprise Linux® (certified)

Graphics
Up to 2 NVIDIA RTX™ A6000

Total Memory
Up to 1TB DDR4, 3200MHz

Memory DIMM Capacity
16GB / 32GB / 64GB / 128GB ECC
8 DIMM Slots

Total Storage
Up to 6 total drives[2]
Up to 4 internal storage bays
Max M.2 = 2 (4TB)
Max 3.5″ = 4 (16TB)

Storage Type Capacity
M.2 PCIe SSD up to 2TB
3.5″ SATA 7200rpm up to 4TB

RAID
Onboard M.2: 0/1
SATA: 0/1/5/10

Power Supply
1000W, 92% efficient

CONNECTIVITY

Front Ports
(2) USB 3.2 Gen 2 Type-A*
(2) USB 3.2 Gen 2 Type-C*
(1) Mic/Headphone Combo Jack

Rear Ports
(4) USB 3.2 Gen 2 Type-A*
(2) USB 2.0 Type-A
(2) PS/2
(1) RJ-45 10 Gigabit Ethernet
(1) Audio Line-In
(1) Audio Line-Out
(1) Microphone-In

WLAN
Intel PCIe Wi-Fi Card with Bluetooth™
External Antenna Kit (9260 AC)

Removable Storage
(1) 15-in-1 Media Card Reader[3]
(1) Slim ODD[2]
(1) Front Accessible Storage Enclosure[3]

Expansion Slots
(4) PCIe 4.0 x16 Gen 4
(2) PCIe 4.0 x8 Gen 4

SOFTWARE

Windows Preloads
Lenovo Commercial Vantage

DESIGN

Dimensions (WxDxH)
(mm): 165 x 460 x 440
(inches): 6.5 x 18.1 x 17.3

Weight
Max configuration: 52.91lbs (24kg)

ISV CERTIFICATIONS
Adobe®, Autodesk®, AVID®,
Altair®, AVEVA™, Bentley®, Dassault®,
Nemetschek®, PTC®, Siemens®

GREEN CERTIFICATIONS
ENERGY STAR® 8.0
EPEAT®[4]
GREENGUARD®
RoHS Compliant
80 PLUS® Platinum

For a full list of accessories and options, please visit:
https://accsmartfind.lenovo.com

1 Select versions available via preload

2 Any combination of storage to equal maximum storage drives

3 Optional

4 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 3.2 Gen 2 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.

^ For a full list of configuration details please visit: **https://psref.lenovo.com**

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.

AMD THREADRIPPER PRO