ThinkStation® P620

LIMITLESS POSSIBILITIES

GAME CHANGING POWER, RELIABILITY, AND SPEED

To do something extraordinary, sometimes you need to carve your own path: introducing the new ThinkStation® P620. The first ever AMD Ryzen Threadripper PRO powered workstation offers stunning performance with up to 64 cores and up to 4.0GHz. Perfect for those who demand more power for today's multi-threaded applications, the P620 combines Lenovo's legendary reliability and customer-driven innovation with professional manageability and enterprise-class support.

Purpose built with the speed and configurability you crave, this powerhouse is the first and only workstation offering PCIe Gen 4, unmatched NVIDIA Quadro RTX graphics support, as well as increased storage speed and expandable memory. Ideal for power users in Media & Entertainment, AEC, Oil & Gas, Finance, and beyond, the ThinkStation P620 provides the ground-breaking performance you need to blaze your own trail.

FEATURES

- AMD Ryzen™ Threadripper™ PRO Processor (up to 4.0GHz; up to 64 Cores)

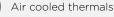- Up to 2 NVIDIA® Quadro RTX™ 8000 graphics cards

- Up to 20TB of storage

- Up to 512GB 3200MHz memory

- Gen 4 support for PCIe slots and M.2 storage

- Air cooled thermals

Lenovo™ Options & Accessories

ThinkVision® P24q-20

NVIDIA® Quadro RTX™ 6000

4TB Enterprise HDD

Lenovo ThinkStation® P620 Specifications

PERFORMANCE

Processor

AMD Ryzen™ Threadripper™ PRO
(up to 4.0GHz; up to 64 Cores)

Chipset

AMD 2019 Premium Chipset BXB-B

Operating System

Windows 10 Pro
Ubuntu® Linux®
Red Hat® Enterprise Linux® (certified)

Graphics

Up to 2 NVIDIA Quadro RTX 8000

Total Memory

Up to 512GB DDR4, 3200MHz

Memory DIMM Capacity

16GB / 32GB / 64GB
8 DIMM Slots

Total Storage

Up to 6 total drives[1]
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[2]
(1) Slim ODD[2]
(1) Front Accessible Storage Enclosure[2]

Expansion Slots

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

SOFTWARE

Lenovo Preload[3]

Lenovo Vantage
Lenovo ThinkShield

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®,
Barco®, Eizo®, McKesson®

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 Any combination of storage to equal maximum storage drives

2 Optional

3 Available with Windows 10 Operating System only

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.

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. Get a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish. [1,2]

WARRANTY UPGRADES

Onsite Service maximizes PC uptime and productivity by providing convenient, fast repair service at your place. 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]

WARRANTY EXTENSIONS

This fixed-term, fixed-cost service help you accurately budget for PC expenses, protect your investment, and lower the cost of ownership over time.[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]

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1 Up to 5 years total duration

2 May not be available in all regions

AMD THREADRIPPER PRO