

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 NVIDIA RTX™ 6000 Ada graphics
-  Up to 48TB of storage
-  Up to 512GB 3200MHz ECC memory
-  Gen4 support for PCIe slots and M.2 storage
-  Air cooled thermals

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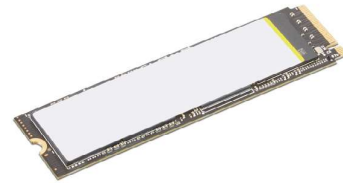
Lenovo Options & Accessories



ThinkVision P40w-20



NVIDIA RTX™ 6000 Ada



2TB Performance PCIe Gen4
NVMe OPAL2 M.2 2280 SS

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 11 Pro (preinstalled with
Windows 10 Pro Downgrade)
Ubuntu® Linux^{*1}
Red Hat® Enterprise Linux® (certified)

Graphics

Up to NVIDIA RTX™ 6000 Ada

Total Memory

Up to 512GB DDR4, 3200MHz

Memory DIMM Capacity

16GB / 32GB / 64GB ECC
8 DIMM Slots

Total Storage

Up to 6 total drives²
Up to 4 internal storage bays
Max M.2 = 2 (8TB)
Max 3.5" = 4 (40TB)

Storage Type Capacity

M.2 PCIe SSD up to 4TB
3.5" SATA 7200rpm up to 10TB

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 Reader³
(1) Slim ODD²
(1) Front Accessible Storage Enclosure³

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: 52.9lbs (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>

Lenovo

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.

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AMD
THREADRIPPER
PRO