



## PROFESSIONAL MACHINES FOR ADVANCED USERS

Powered by up to 64-core AMD Ryzen Threadripper processors, professional graphics options and ultra-fast memory, the P6 series is the world's first Threadripper™ Pro workstation – adept at handling multi-thread computing and design workloads.

# ThinkStation P620

Smarter  
technology  
for all

Lenovo

This first-of-its-kind workstation, with up to 64-core Ryzen Threadripper PRO processors and PCIe Gen 4 support for graphics and M.2 memory, is designed for power users looking to take productivity to the next level. Apart from being ISV certified to run leading industry applications, it also supports up to NVIDIA Quadro RTX 8000 graphics and offers up to 20TB of storage. Business professionals can run multi-threaded applications or handle graphic-intensive workloads seamlessly without throttling the system.

## REASONS TO BUY

Up to 512GB RDIMM memory with 8 slots and ECC memory support protects high-value data from memory errors. Intelligent cooling minimizes risk of overheating, performance lags or system shutdown. AMD PRO security features like Memory Guard Encryption and Secure Boot keep device and data secure.

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

Heavy data analysis workloads can be managed with the correct processor and error-free ECC memory configuration. This workstation offers up to 64-bit and 4.0GHz AMD Ryzen Threadripper processors.



# ThinkStation P620

## KEY SPECIFICATIONS

|                                |                                                                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Processor</b>               | up to AMD Ryzen Threadripper PRO 3995WX processor                                                                                                                             |
| <b>Operating System</b>        | Powered by Windows 10 Pro for Workstations                                                                                                                                    |
| <b>Max Graphics</b>            | 2x GPU up to Quadro RTX 8000, or 4x GPU up to Quadro P2200                                                                                                                    |
| <b>Memory</b>                  | up to 512GB (DDR4-3200 RDIMM)                                                                                                                                                 |
| <b>Max Storage Drives</b>      | Internal storage: 20TB (5x 4TB 3.5" SATA HDD)<br>M.2 SSD: 22TB (11x 2TB M.2 PCIe NVMe SSD - 2 onboard, 8 via two quad PCIe to M.2 adapter & 1 via single PCIe to M.2 adapter) |
| <b>Storage Types Supported</b> | 3.5" SATA HDD 6Gb/s 7.2k RPM up to 4TB<br>M.2 PCIe 3.0 NVMe SSD up to 2TB                                                                                                     |
| <b>Storage Controllers</b>     | Integrated SATA controller<br>Integrated NVMe controller                                                                                                                      |
| <b>Optical</b>                 | optional DVD burner                                                                                                                                                           |
| <b>Diagnostic Panel</b>        | Front 4-Digit Diagnostic LED                                                                                                                                                  |
| <b>Power Supply</b>            | 1000W Platinum Fixed                                                                                                                                                          |
| <b>Dimensions</b>              | Width: 165mm (6.50") Depth: 460 mm (18.1") Height (with feet): 446mm (17.6")                                                                                                  |
| <b>Weight</b>                  | Maximum configuration: 24.0kg (52.91lb)                                                                                                                                       |

## GREEN CERTIFICATIONS

GREENGUARD. EPEAT Silver rating. ENERGY STAR 8.0

## CONNECTIVITY

|                            |                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Front I/O</b>           | 2x USB 3.2 Gen 2 (includes one 11W charging), 2x USB-C 3.2 Gen 2, audio combo jack                       |
| <b>Rear I/O</b>            | 2x USB 2.0, 4x USB 3.2 Gen 2, 1x 10GbE RJ-45, 3x analog audio ports (line-in, line-out, mic-in), 2x PS/2 |
| <b>Optional Rear Ports</b> | 1x Serial                                                                                                |
| <b>WLAN + Bluetooth</b>    | Intel 9260 11ac, 2x2 + BT5.1                                                                             |

## SECURITY & PRIVACY

Chassis Intrusion Switch  
Lock Kit with Common Key  
Lock Kit with Unique Key  
chassis intrusion switch  
TPM 2.0  
optional access panel lock  
Kensigton lock slot

## MANAGEABILITY

AMD PRO

Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2020 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.

## 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, TcVis, Tecnomatix, Siemens PACS Solutions, Siemens Solid Edge, Vectorworks, Vital EnterpriseImaging

## Recommended for this device



### ThinkVision P24q-20

23.8" QHD (2560x1440) monitor with 99% sRGB colour gamut

1x HDMI, 1x DisplayPort (in), 1x DisplayPort (out), 4x USB3.1, 1x USB 3.1 Type-B upstream, audio out

Lift, Tilt, Pivot, Swivel stand for viewing comfort. Integrated smartphone holder in base.



### Lenovo Enhanced Performance Keyboard Gen 2

3-zone keyboard with removable palm rest and tilt-adjustable feet

7 user-programmable hot keys and dedicated audio-video controls

2x USB pass-through ports for connecting peripherals



### Premier Support

Talk directly with advanced technical support agents

Support for software & hardware

Next business day onsite repairs