ThinkStation P620

Smarter technology for all



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.

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 Premiere Pro, Adobe Photoshop, 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.

Updated 2021-04-21

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KEY SPECIFICATIONS

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

GREEN CERTIFICATIONS

GREENGUARD. EPEAT Silver rating. ENERGY STAR 8.0

CONNECTIVITY

Front I/O	2x USB 3.2 Gen 2 (includes one 11W charging), 2x USB-C 3.2 Gen 2, audio combo jack
Rear I/O	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
Optional Rear Ports	1x Serial
WLAN + Bluetooth	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

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

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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