ThinkStation P620

Smarter makes all the difference

From creating characters, props and environments, to performance capture, programming and builds, the ThinkStation P620 has become the workstation of choice for game developers around the world.

Why choose the ThinkStation P620?

Futureproof your investment

- Workstation refreshes can happen between 3 and 5 years. With PCIe Gen 4 implemented in the P620, you have the freedom and flexibility to upgrade with next generation support built in.

Tailored to suit any production requirement

- CPU options from 12 cores at 4.1GHz up to 64 cores at 2.7GHz
- GPU options including, NVIDIA RTX™ professional and NVIDIA® GeForce® cards

Reliable performance

- PCIe Gen 4 for the fastest GPU and storage performance
- Up to 1TB of the fastest ECC memory, in an 8-channel architecture
- 10Gb networking standard
- ISV tested and/or certified
- Lenovo Performance Tuner (LPT)
- ThinkStation Diagnostics
- 24/7/365 Premier Support

Perfect for multi-application workflows
3ds Max®, Houdini®, Maya®, MotionBuilder®, Photoshop®, Substance®, Unity®, Unreal®, ZBrush®, and more

"Groundbreaking performance for everything from professional visualization and simulation to compiling and building for game development, whether the team is working from home or in the office."

Pat Swanson, *IT engineer at Epic Games*

Discover more about the ThinkStation P620
www.lenovo.com/thinkstationP620

AMD THREADRIPPER PRO

ThinkStation P620

Recommended Lenovo ThinkStation P620 Configurations

Asset Creation

3D modeling, texturing and animation

OS: Windows 10 Pro
CPU: Threadripper™ PRO 5955WX (16 cores @ 4GHz)
GPU: NVIDIA RTX A5000, GeForce RTX 3080 Ti
Memory: 64GB
HDD1: 1TB M.2, PCIe, NVMe SSD (OS & apps)
HDD2: 2TB M.2, PCIe, NVMe SSD (cache/scratch)

Motion Capture

Character body and face performance capture

OS: Windows 10 Pro
CPU: Threadripper PRO 5975WX (32 cores @ 3.6GHz)
GPU: NVIDIA RTX A6000
Memory: 256GB
HDD1: 1TB M.2, PCIe, NVMe SSD (OS & apps)
HDD2: 2TB M.2, PCIe, NVMe SSD (cache/scratch)

Programming

Internal technology, and middleware

OS: Windows 10 Pro
CPU: Threadripper PRO 5965WX (24 cores @ 3.8GHz)
GPU: NVIDIA RTX A4000
Memory: 256GB
HDD1: 1TB M.2, PCIe, NVMe SSD (OS & apps)
HDD2: 2TB M.2, PCIe, NVMe SSD (cache/scratch)

Build

Compiling game for platform deployment

OS: Windows 10 Pro
CPU: Threadripper PRO 5995WX (64 cores @ 2.7GHz)
GPU: NVIDIA RTX A4000
Memory: 512GB
HDD1: 1TB M.2, PCIe, NVMe SSD (OS & apps)
HDD2: 2TB M.2, PCIe, NVMe SSD (cache/scratch)

Recommended Displays

ThinkVision P32p-20
ThinkVision P27u-20

- 32 or 27 inch 4K UHD IPS near-edgeless display
- Monitor with 99.5% Adobe® RGB Gamut