

ThinkStation

# Reimagine Augmented & Virtual Realities with Lenovo Workstations

Enabling Immersive AR & VR Experience That Are Accessible To Everyone

## Lenovo 'VR Ready' Workstations Help Break Down The Barriers Between Physical & Virtual Workflows

As many commercial and enterprise businesses continue to integrate more augmented reality (AR) and virtual reality (VR) into their workflows, NVIDIA CloudXR™ a ground-breaking technology built on top of NVIDIA RTX™, can help deliver AR & VR seamlessly across Wi-Fi & 5G networks.

With NVIDIA GPU virtualization software, CloudXR is fully scalable from desktop to datacenter to edge and is fully supported on Lenovo ThinkStations.

- Engineering Collaboration
- Design Reviews
- Virtual Production
- Location-Based Gaming  
*and more*



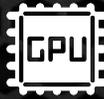
# CloudXR Breaks the Confines of Traditional VR and AR, Delivering Streaming of XR Content to Untethered Devices

## Untethered



Leverage Lenovo ThinkReality Untethered AR/VR headsets to stream immersive AR & VR content, with a level of quality & detail that is undistinguishable from many native tethered configurations.

## Powered by RTX



Leverage the power of NVIDIA RTX GPUs with GPU virtualization software and NVIDIA VR-ready GPUs to stream stunning AR & VR experiences from any OpenXR application.

## From Anywhere



By utilizing the high bandwidth and low latency of 5G networks, you can stream expansive VR and AR experiences to professional users at the edge.

## DELIVER END-TO-END SOLUTIONS WITH LENOVO THINKREALITY

# ThinkReality



Utilize high quality, enterprise class Lenovo ThinkReality AR & VR head mounted displays to immerse yourself in amazing untethered augmented (AR) & virtual (VR) reality experiences.

Use CloudXR to run complex AR/VR experiences from a remote workstation across 5G and Wi-Fi networks, to remote devices running any OpenXR application.

CloudXR combines the performance of NVIDIA's RTX GPU virtualization software, with vWS to securely enable multi-tenant deployments. This delivers the perfect balance of user performance & density. Manageability is streamlined with support for both VMware and Red Hat virtualization platforms and supporting management tools.

Lenovo ThinkStations, powered by NVIDIA RTX GPUs deliver the perfect host system to deploy any CloudXR solution. Designed and engineered from the ground up to not just meet, but exceed, the rigorous performance requirements of demanding industry software applications and workflows.

### Recommended: CloudXR Configurations

#### ThinkStation P920 Rackmount Workstation

2x Intel Xeon Gold SP CPUs, 192GB+ ECC Memory, 1TB+ NVMe Storage, 4x NVIDIA T4 GPUs, RHEL Linux

#### ThinkStation P620 Desktop Workstation

AMD Threadripper Pro 3975WX CPU, 128GB+ Memory, 1TB+ NVMe Storage, 1-2x NVIDIA RTX A6000 GPUs, RHEL Linux



Lenovo



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# NVIDIA