

# GPU as a Service delivers high-speed virtual desktops that offer best in class graphics accommodation

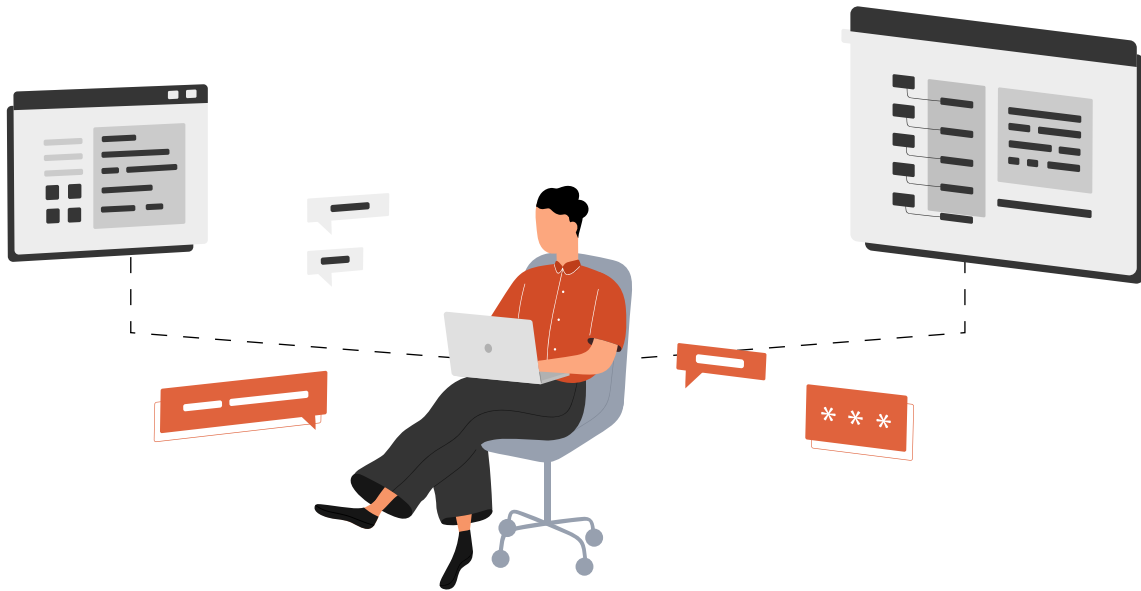
With High-Performance Computing (HPC) and zero network latency, work on the most intensive workloads from your personal device.



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## GPU-enabled Virtual Desktops, that are capable of anything

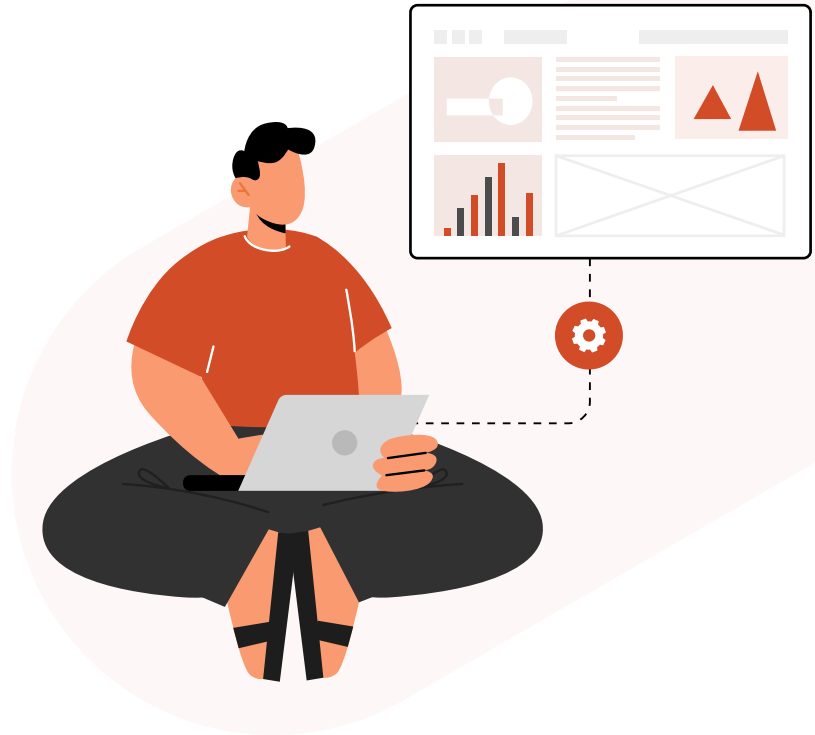


Cloud GPU services from renowned providers, like Ace Cloud Hosting, guarantee an unmatched experience for managing intensive workloads. They offer storage on SSDs (solid state drives) for enhanced speed and performance of virtual desktops, 99.99% server uptime for uninterrupted operations, data centers with multiple layers of redundancy, and NVIDIA Quadro RTX 8000 GPUs for an exceptional graphic experience that is accessible anytime, anywhere.

In fact, one major benefit of using cloud GPU services is remote accessibility. For flexible workload management, it is crucial to be able to access and work on high-speed virtual desktops from any device located anywhere in the world. Performance-wise, location no longer proves to be a constraint for GPU-enabled VDI as all it needs is a steady internet connection to deliver High-Performance Computing (HPC) with zero latency issues.

## GPU as a Service translates to **Endless Possibilities**

The GPU is closely related to CPU (Central Processing Unit). As opposed to the latter, however, GPU is specialized and optional. The aim of GPU is to facilitate graphic-intensive workloads, while that of CPU is to generate all-around computing performance.



GPUs have massively evolved over the last two decades to go beyond the gaming industry. Having started in the early 2000s as a means to achieve 3D graphic renderings in real time, GPU has now become much more programmable and generated a wide range of applications. To accommodate highly flexible graphics applications, GPUaaS now supports superior graphics performance, so that faster frame rates and higher resolutions become a simultaneous possibility.

## Unlock all the potentials of **GPU VDI**: gaming, designing, and many more

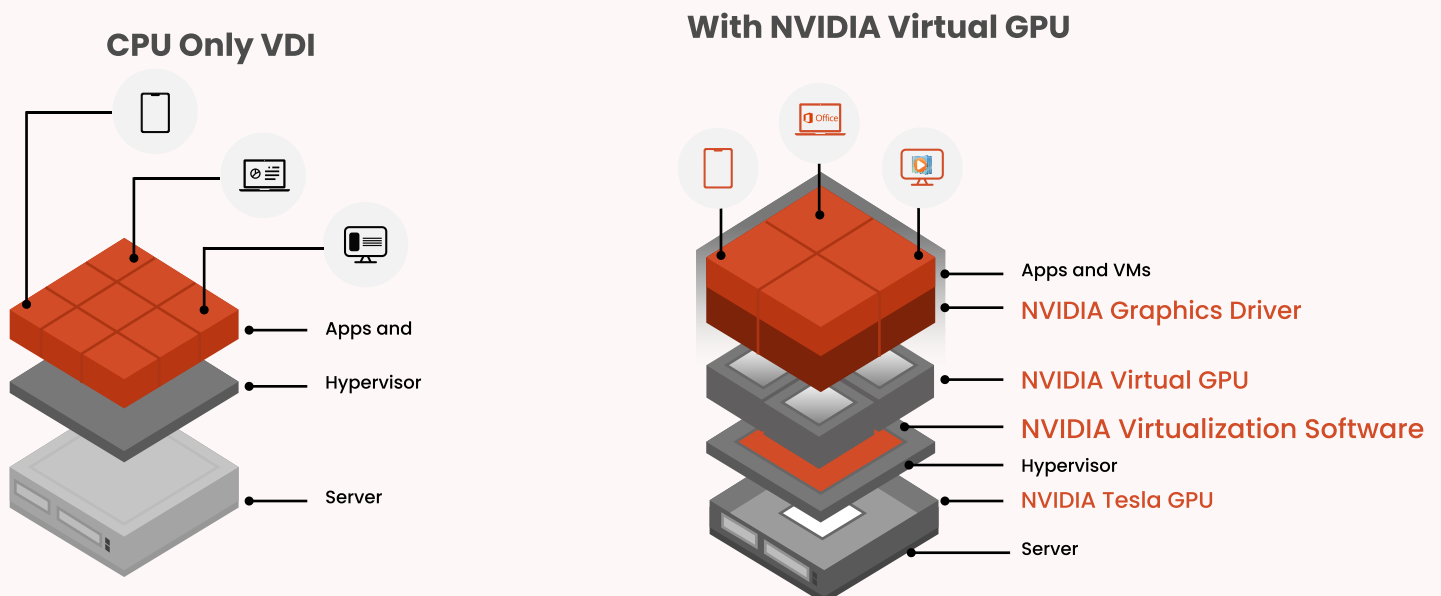
Multiverse gaming deploys hyperreal and complex graphic renderings that are tied with higher refresh rates, 4K display and compute-intensive applications. Such intense graphics-processing needs have also been found outside the gaming industry for purposes of design and video-editing. Video editors and graphic designers have long suffered from poor processor performance tied to considerable rendering times and stifled computing resources. With the emergence HD renderings of video and graphics, GPU now offers parallel processing that cuts down on rendering times to deliver a fast and superior performance. AI and Machine Learning technologies also benefit massively from the deployment of GPUs for such compute-intensive applications as image recognition.



Because GPUs provide parallel processing, they also support deep learning technologies that require extraordinary computation power. No matter the industry that benefits from the use of GPUs, powerful computing experience is synonymous with the need for and growth of GPUs.

## GPU as a Service does **not compromise** on Security

Many businesses that deploy cloud GPU services are somewhat specialized in nature. While they do a great job in their respective arenas, they sometimes exhibit a lack of knowledge when it comes to data security management. Often the implementation and maintenance of the latest security protocols necessitate a great deal of additional expenses. For businesses already investing in a costly GPU-equipped physical desktop infrastructure, this can burn a sizeable hole through their budgets.



Reputed GPUaaS providers address all security concerns by ensuring best-in-class physical and digital safeguards.

Physical security includes access authorization systems and 24X7 CCTV surveillance in data centers located at secure and isolated locations, while digital security includes a multi-layered infrastructure involving two factor authentication system so virtual desktops are accessible only after logins with two layers of OTP, continuous monitoring for real time threat detection and mitigation, extensive protection against DDoS (Distributed Denial of Service) attacks, OS Patching and Hardening to protect against malicious intrusion, etc.

By switching to Cloud GPU Services from ACE, you can benefit from a pricing as low as \$70/user/month.

We also offer a free trial for you to test work on desired intensive applications.

## GPU as a Service is **significantly cost-effective**

GPU-supported physical workstations demand expensive hardware and high-end configurations that may not fit the bill for most medium or small businesses. Besides, physical infrastructure cannot do without upfront setup costs. Not to mention, such a huge initial investment can make or break a business. In contrast, GPU as a Service comes with flexible pricing options that enable businesses to work on graphic-intensive applications at minimal costs.

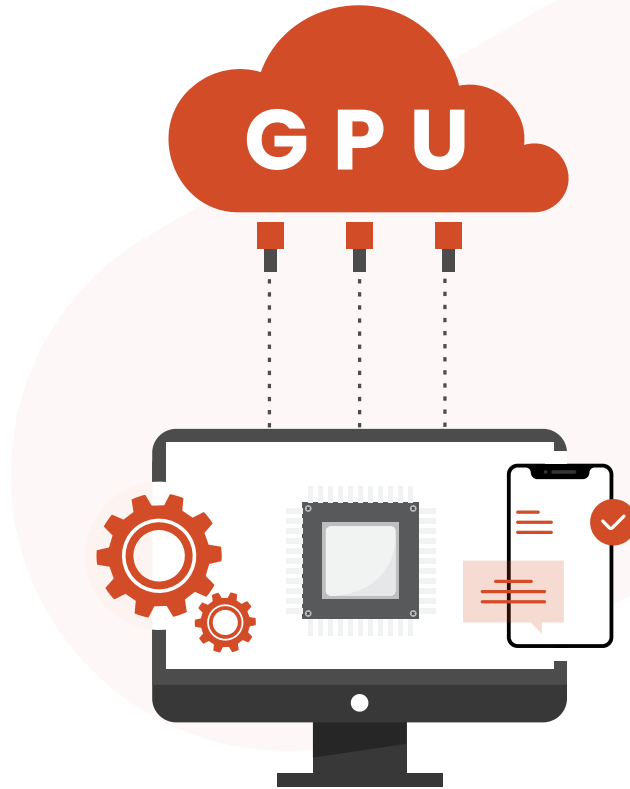


With the guarantee of a superior experience, virtual desktops equipped with GPU enable firms to operate in an OPEX (operational expenditure)-only mode without the need for CAPEX (capital expenditure).



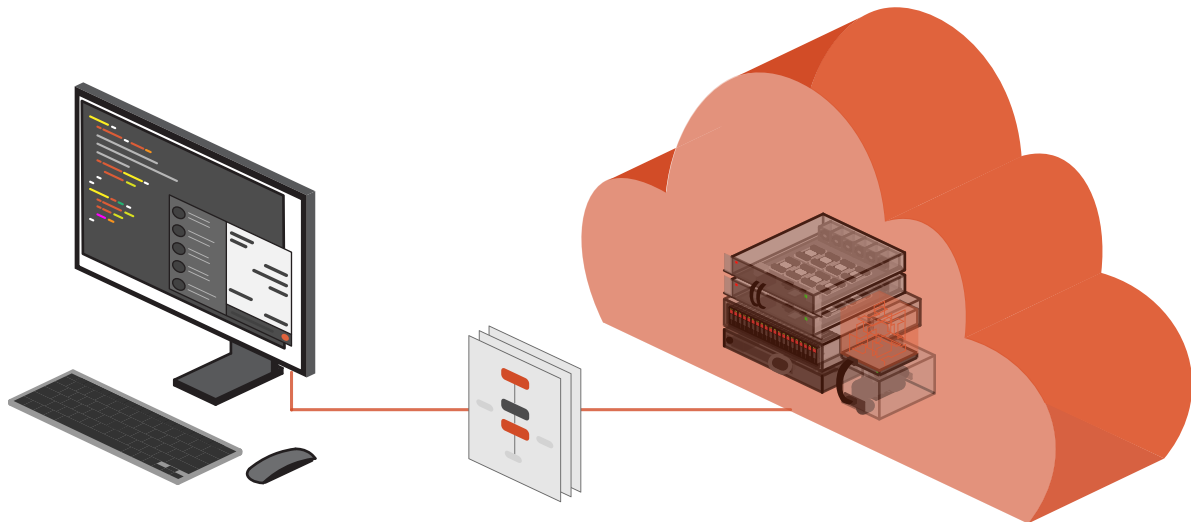
## Reap the **Benefits** of Managed Cloud GPU Services

To run a GPU-supported physical workspace, on-premises servers with high-end settings are indispensable. Their management requires an expert IT team to put in round-the-clock hours. In other words, the installation and maintenance of physical desktops and hardware for handling graphic-intensive applications can easily exceed budgets.



In other words, the installation and maintenance of physical desktops and hardware for handling graphic-intensive applications can easily exceed budgets. Naturally, it makes sense for businesses to opt for GPU-on-the-cloud because Cloud GPU Services are managed entirely by providers from start to finish. All of designing, creation, hosting, deployment, installation, support, and maintenance form part of GPUaaS. This means, the need for in-house IT team as well as additional maintenance costs are gone. But that is not all. There is another major cost-saving component associated to GPUaaS. GPU-powered virtual desktops can run just as well on low-spec end-user devices and are not bound by existing hardware constraints. Thus, business no longer must undertake the cost and hassle of replacing, purchasing, or upgrading any existing physical hardware.

## But, how does **Cloud GPU** actually work?



GPU as a Service is an offering by a cloud provider in which they build GPU-based virtual desktops on their own cloud infrastructure. Users can directly work with pre-installed intensive applications on these virtual desktops from personal devices connected to the internet. This eliminates the need for high-end configurations or for GPU to be deployed to local user devices.

ACE creates secure virtual desktops with NVIDIA RTX 8000 GPU technology on their cloud servers. We provide users with unique IDs and passwords, so they can access these virtual desktops from their personal devices. With GPU being deployed on cloud infra, users need not worry about device configurations.

Reliable Cloud GPU providers offer features that bring the most out of graphics intensive applications. At ACE, we offer more. Here's why you should choose ACE as your Cloud GPU Partner:



### **14+ years of experience**

Having offered our services to businesses around the world, you can rely on our 14+ years of experience for top-notch service and customer support



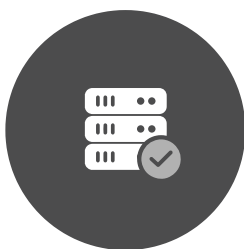
### **30-day Rolling Data Backup**

We offer regular data backup of up to 30 days so that every bit of your data can be instantly restored in case of unforeseen circumstances.



### **Guaranteed Uptime**

We guarantee 99.99% uptime on GPU-enabled virtual desktops so your applications can run ceaselessly and are always available to you.



### **Reliable Servers**

We are partners with SSAE-16 Tier 3+ and Tier-4 data centers to host GPU-enabled virtual desktops. This means you enjoy greater speed and even greater bandwidth.



### **Flexible Pricing Plans**

With us, you have the flexibility to pay on a monthly or a yearly basis as per use. We offer a scalable pricing plan, so you only pay for what you use.



### **Citrix-Partnership**

We have teamed up with Citrix to offer superior services with more customization options than ever before.

## Virtual Desktop **Solution for Today and Tomorrow**

GPU is not a requirement for every sector. But for the sectors that do require GPU, high computing and extreme graphics capabilities go hand in hand. With ACE-managed Cloud GPU, businesses can leverage from high performing virtual desktops that can take on any amount of graphics intensity.

The cherry on top is, GPU as a Service costs a fraction of what its physical counterpart does. So, what are you waiting for?

**Visit our website for more details.**

Talk to an Expert

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