AMD MULTIUSER GPU

THE WORLD'S FIRST HARDWARE-BASED VIRTUALIZED GPU SOLUTION

Enable consistent, predictable, and secure performance from your virtualized workstation with the world's first hardware-based virtualized GPU solution, the AMD Multiuser GPU.* This new virtualization solution from AMD will enable users to have workstation-class experiences with full ISV certifications and local desktop-like performance.

PREDICTABLE PERFORMANCE

An AMD graphics card equipped with our Multiuser GPU technology offers consistent, predictable performance. IT managers can easily configure these solutions to allow for up to 15 users on a single GPU. When the card is appropriately configured to meet the needs of the organization, users expect the same access to the GPU no matter their workload. There is no worry about any one user tying up the entire GPU while other users experience slow and unresponsive systems. Each user now has an equal share of the GPU to allow them to design, create, and execute their workflows.

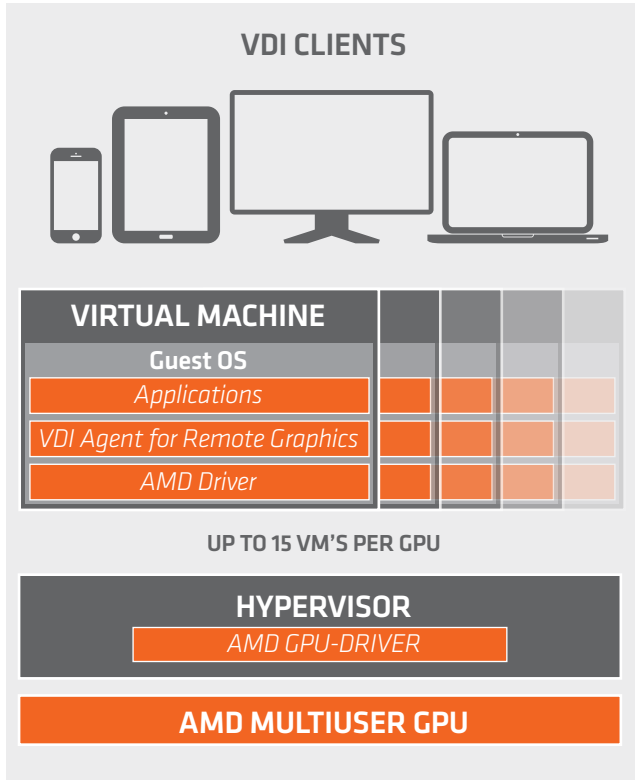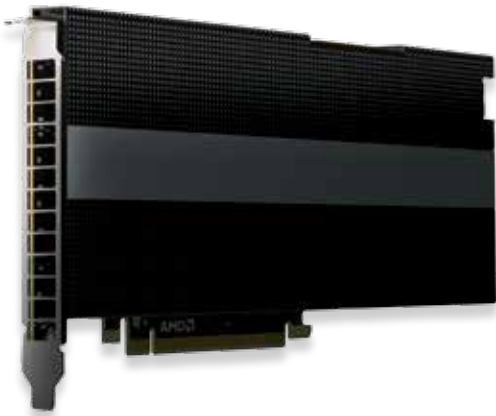| 2-6 USERS ◢	6-10 USERS ◢	UP TO 15 USERS ◢
Workstation Performance Use Cases (Graphics intensive design applications)	Power User Use Cases (CAD/CAE/CAM workflows)	Knowledge Worker Use Cases (Office-type applications)

FULL-FEATURED VIRTUAL GPU

Software virtualization has traditionally been a limiting factor for those who want to fully utilize GPU hardware acceleration for compute tasks under Open CL. With AMD's implementation of the new Multiuser GPU, users are no longer as limited to what they can or can't do in a virtualized environment. Users will have access to native AMD display drivers for OpenGL, DirectX®, and OpenCL acceleration, enabling them to work with few if any restrictions. Whatever users were able to do on a local machine they can now do using our new virtualization technology.

DATA SECURE

Users will have peace of mind knowing that their valuable work and data cannot be viewed by other prying eyes. Unlike software virtualization, AMD's hardware-based virtualization solution makes it extremely difficult for a hacker to break in at the hardware level, whereas with software virtualization, any breaches or holes in the underlying driver can be exploited to access a guest virtual machine in an unauthorized fashion. For organizations that highly value security, the new AMD Multiuser GPU is the clear option for their virtualized workstation needs.

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EASY TO SET UP, EASY TO USE

The AMD Multiuser GPU works with hypervisors to provide ease of installation. IT managers and system administrators setting up a central server within an enterprise environment can easily implement and configure the AMD Multiuser GPU with a hypervisor driver no bigger than a typical word processing document. The same graphics driver used for local workstations equipped with AMD FirePro™ graphics cards can be installed and used in this virtualized environment.

VDI CLIENTS

VIRTUAL MACHINE			
Guest OS			
Applications			
VDI Agent for Remote Graphics			
AMD Driver			

UP TO 15 VM'S PER GPU

HYPERVISOR
AMD GPU-DRIVER

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AMD Multiuser GPU is designed to work on environments using VMWare vSphere/ESXi 5.5 and up, with support for remote protocols such as Horizon View, Citrix Xen Desktop, Teradici Workstation Host Software, and others.

	AMD Multiuser GPU	NVIDIA GRID Technology
Virtualization method	Hardware	Software
OpenCL™ 2.0 acceleration support	Yes	No
Stable, predictable performance	Yes	No
Dedicated share of local memory for increased security	Yes	No
Maximum users per physical GPU	15	8

AMD Multiuser GPU coming soon to select AMD FirePro™-equipped graphics cards. Check with your component or system manufacturer for specific model capabilities and supported technologies.

AMD Multiuser GPU will be coming soon. *Stay tuned!*

AMD