

The logo features the AMD logo (a square with a triangle) to the left of the text. The text is stacked: "AMD" in a small font, "RADEON PRO" in a larger, spaced-out font, and "Software" in a large, lowercase font. The background is a blue-tinted image of a globe with glowing lines.

AMD  
RADEON PRO  
Software

# AMD Remote Workstation

## User Guide

Get started with remote access to your  
AMD Radeon Pro-equipped physical machines.

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# Accessing Physical Machines Remotely

With the right tools it is easy to access your remote workstation and be productive from anywhere. Remote desktop software allows you to stream the display of a remote computer and map your keyboard and mouse movements over the network.

With low network latency and the right remote desktop environment, many tasks – even professional 3D graphics design – can be performed productively from afar.

## Supported Remote Desktop Software Applications

Remote Desktop Software	Link
Microsoft Remote Desktop	<a href="https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/clients/remote-desktop-clients">https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/clients/remote-desktop-clients</a>
Citrix Virtual Apps and Desktops	<a href="https://www.citrix.com/en-gb/products/citrix-virtual-apps-and-desktops/">https://www.citrix.com/en-gb/products/citrix-virtual-apps-and-desktops/</a>
VMware Horizon	<a href="https://www.vmware.com/ca/products/horizon.html">https://www.vmware.com/ca/products/horizon.html</a>

# What is AMD Remote Workstation?

AMD Remote Workstation is the combination of a **remote graphics-ready driver** and **user experience optimizations** for leading remote desktop software. These two pillars of AMD Remote Workstation are described further below. All functionality is built into every Radeon Pro Software for Enterprise graphics driver.

## Remote Graphics-Ready Driver

- Validation of select remote desktop solutions with AMD Radeon Pro graphics. AMD performs comprehensive remote PC validation of Microsoft Remote Desktop, Citrix Virtual Apps and Desktops, and VMware Horizon.
- Validation of professional 3D design applications in remote desktop environments with AMD Radeon Pro graphics.
- Validation of real workstations from Dell and HP in remote desktop environments with AMD Radeon Pro graphics.

## User Experience Optimizations

- GPU-accelerated encode capability, where available through integration by a remote desktop application.
- Low latency desktop capture, where available through integration by a remote desktop application.

## Compatibility

AMD Remote Workstation is compatible with the following professional graphics products:

AMD Radeon™ Pro graphics products
AMD Radeon™ Pro W5000 series
AMD Radeon™ Pro WX series

Only Windows 10 operating systems are supported with AMD Remote Workstation.

# Configuration Settings

## GPU-Accelerated Encode Enablement for Microsoft Remote Desktop

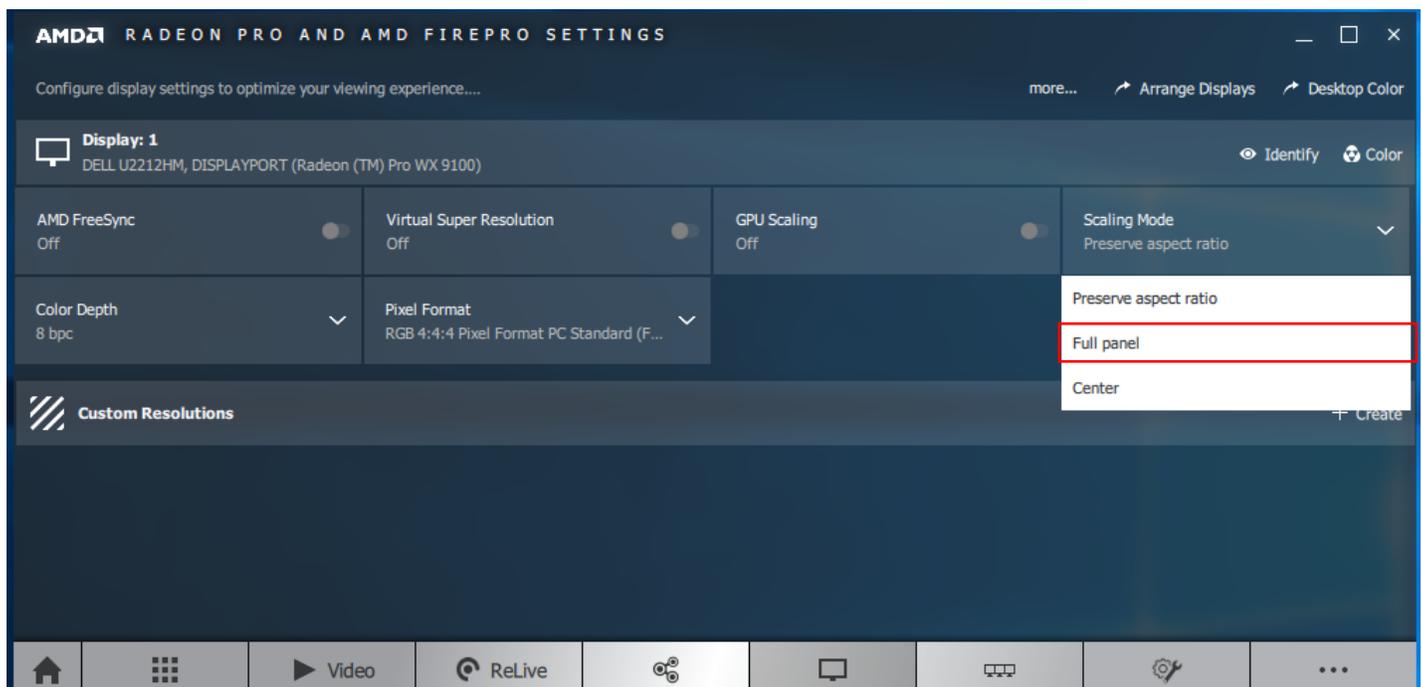
To enable GPU-accelerated encode for Microsoft Remote Desktop, group policy changes are required.

1. On the host computer, open up the Group Policy Editor (gpedit.msc).
2. Navigate to Computer Configuration -> Administrative Templates -> Windows Components -> Remote Desktop Services -> Remote Desktop Session Host -> Remote Session Environment.
3. Enable “Prioritize H.264/AVC 444 Graphics mode for Remote Desktop connections”
4. Enable “Configure H.264/AVC hardware encoding for Remote Desktop connections”

## Scaling Adjustments

After a remote desktop connection has been established, if mouse cursor misalignment or undesired scaling is observed, try the following:

1. When remotely connected, right-click on the desktop and **open AMD Radeon™ Pro Settings**.
2. Go to the **Display** tab.
3. Change the Scaling Mode to **Full Panel**.



# Multi-User Configurations

An AMD Radeon Pro-equipped workstation may also be used to deliver applications or desktops to more than one simultaneous user. This can be accomplished on a Windows Server 2016 or 2019 host running Citrix Virtual Apps or Microsoft Remote Desktop Services.

For multi-user configurations using Citrix Virtual Apps, learn more here: <https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/virtual-apps-and-desktops-service.html>

For multi-user configurations using Microsoft Remote Desktop Services, learn more here: <https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/rds-supported-config>

## Limitations

### No Virtual Machine Support

AMD does not validate nor support deployment environments where Radeon Pro workstation-class graphics are used in a virtual machine.

### Radeon Pro Software Features

Radeon Pro ReLive is not supported in a remote desktop environment.

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