



# Shared Pass-Through Graphics Guide

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[For more information go to vmware.com.](https://www.vmware.com)

## What's New

Changes made in the last 7 days include:

None

## Introduction

For Shared Pass-Through Graphics compatibility, please refer to the partner support page to ensure your VMware certified server (Refer to VMware Server VCG) is compatible with your VMware certified graphics card for Virtual Graphics Processing Unit. Please also ensure you have the appropriate support agreement for your product.

PartnerName	Component Name	Firmware Version	Supported Releases
AMD (Advanced Micro Devices, Inc.)	AMD FirePro S7100X	N/A	ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
AMD (Advanced Micro Devices, Inc.)	AMD FirePro S7150	N/A	ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
AMD (Advanced Micro Devices, Inc.)	AMD FirePro S7150X2	N/A	ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
AMD (Advanced Micro Devices, Inc.)	Radeon Pro V340	N/A	ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5
NVIDIA	GRID K1	N/A	ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	GRID K2	N/A	ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA A10	N/A	ESXi 7.0 U2
NVIDIA	NVIDIA A100 40GB PCIe	N/A	ESXi 7.0 U2
NVIDIA	NVIDIA A40	N/A	ESXi 7.0 U2
NVIDIA	NVIDIA QUADRO RTX 6000	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5

PartnerName	Component Name	Firmware Version	Supported Releases
NVIDIA	NVIDIA QUADRO RTX 8000	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5
NVIDIA	NVIDIA RTX A5000	N/A	ESXi 7.0 U2
NVIDIA	NVIDIA RTX A6000	N/A	ESXi 7.0 U2
NVIDIA	NVIDIA Tesla M10	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla M6	84.04.85.00.xx	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla M60	84.04.85.00.xx	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla P100	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla P4	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla P40	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla P6	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla T4	N/A	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0
NVIDIA	NVIDIA Tesla V100	86.04.55.00.00	ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi

PartnerName	Component Name	Firmware Version	Supported Releases
NVIDIA	NVIDIA Tesla V100S	88.00.98.00.01	6.5 U2,ESXi 6.5 U1,ESXi 6.5,ESXi 6.0 U3,ESXi 6.0 U2,ESXi 6.0 U1,ESXi 6.0 ESXi 7.0 U2,ESXi 7.0 U1,ESXi 7.0,ESXi 6.7 U3,ESXi 6.7 U2,ESXi 6.7 U1,ESXi 6.7,ESXi 6.5 U3,ESXi 6.5 U2,ESXi 6.5 U1,ESXi 6.5

## Footnotes:

- 1 . Download driver from <http://support.amd.com/en-us/download>
- 2 . Upgrade from NVIDIA-vgx-VMware previous version to NVIDIA-kepler-xxxVMware version 367.xx using VUM may fail
- 3 . Upgrade from NVIDIA-vGPU-kepler-VMware previous versions to NVIDIA-vGPU-kepler-VMware 367.134 using VUM may fail
- 4 . Download drivers from <https://nvid.nvidia.com>
- 5 . This version of the driver is certified for ESXi ESXi 6.7 P04 release. This version of the driver is not supported for any other version of ESXi server build.
- 6 . This version of the driver is certified for ESXi 6.5 P04 release. This version of the driver is not supported for any other version of ESXi server build.
- 7 . This version of the driver is certified for ESXi 6.5 P06 release. This version of the driver is not supported for any other version of ESXi server build.
- 8 . Upgrade from NVIDIA-vGPU-VMware previous versions to NVIDIA-vGPU-VMware 367.xx using VUM may fail.
- 9 . Upgrade from NVIDIA-VMware previous versions to NVIDIA-vGPU-VMware version 418.xx using VUM may fail.

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