VGPU

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Application Note
# TABLE OF CONTENTS

Chapter 1. Overview............................................................................................ 1  
Chapter 2. vGPU..................................................................................................2
Chapter 1. OVERVIEW

This page describes the support for CUDA on NVIDIA® Quadro® Virtual Data Center Workstation (Quadro vDWS), NVIDIA GRID™ Virtual PC, and GRID Virtual Applications.

For more information on NVIDIA Virtual GPU Software, visit https://docs.nvidia.com/grid/index.html.
Chapter 2. VGPU

The following vGPUs support CUDA:

- The 8Q vGPU type on Tesla M6, Tesla M10, and Tesla M60 GPUs.
- All Q-series vGPU types on the following GPUs:
  - Tesla P4
  - Tesla P6
  - Tesla P40
  - Tesla P100
  - Tesla P100 12 GB
- The following CUDA features are not supported on vGPU:
  - Unified Memory
  - Dynamic Page Retirement
  - ECC
  - Peer-to-peer
  - GPUDirect RDMA
  - CUDA Developer Tools (e.g. debugger, profiler)
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