

# Violin Memory Release Notes

## Violin Array Controller Driver for Windows

### Release D5.6.0.0

February 2014



**violin**  
MEMORY

## Introduction

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The Violin Array Controller Driver for Windows® is a WHQL-certified driver for Microsoft® Windows computers that allows you to connect a Violin Memory Array directly to a Windows system and use storage on the Memory Array in the same way as disk-based storage.

Release D5.6.0.0 supports a direct-attached PCIe configuration between a Windows system and a Violin Memory Array. Both single-node and dual-node cluster configurations are supported.

Support is included for SCSI-3 Persistent Reservation in Windows, SCSI Primary Commands -3 (SPC-3) specification.

## What's New in This Release

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The D5.6.0.0 driver release includes the following features:

- WHQL-certified driver for Windows Server 2012 R2, with support for Windows Server 2008 R2 Service Pack 1 (SP1) and Windows 2012
- Support for dual-node cluster configuration for Windows Server 2008 R2 SP1 and Windows Server 2012 systems
- Improved IOPs performance
- Support for up to 16 Violin Memory Arrays

## Known Issues

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- **23385:** Max Available Lun Space does not show correct free space amount

**Description:** When creating LUNs using the Violin Control Utility GUI, the Max. Available Lun Space does not match the actual available free space. This issue only applies if you are using this Windows utility.

**Workaround:** Use the DOS “v1un” command instead of the GUI.

# System Requirements

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## Windows System

The following are the requirements for the Windows system:

### Hardware

- Computer with an Intel/AMD x86 or X86\_64 processor
- Two available PCIe slots that communicate with the processor

**Note:** PCIe slots capable of bidirectional x8 PCIe provide the best performance.

### Software

The Windows system must be running one of the following versions of Microsoft Windows:

- Windows Server 2008 R2 SP1 (x64)
- Windows Server 2012 (x64)
- Windows Server 2012 R2 (x64)

## Violin Memory Array

The following are the requirements for the Violin Memory Array:

### Hardware

- Violin 6212, 6232, 6606 and 6616 Memory Arrays

### Firmware

- Firmware version A6.3.0 or later

## Downloading the Driver

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1. Go to <http://www.violin-memory.com/support/>
2. Log in to Customer Support using your Violin Memory Customer Portal login and password information. (If you don't have an account, follow the instructions to set one up. You will be notified when the account is activated.)
3. Click the **Software Downloads** tab.
4. From the Windows Drivers and Utilities location, download the driver for release D5.6.0.0.

## Installing the Driver

See the *Violin Array Controller Driver for Windows Installation Guide* for installation instructions.

Contact Violin Memory Customer Support ([support@vmem.com](mailto:support@vmem.com)) if you need assistance installing the driver.

## Violin Memory Customer Support

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# Disclaimer

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