

# Violin Memory Release Notes

## Violin Array Controller Driver for Windows

### Release D5.5.1.3

February 2013



**violin**  
MEMORY

## Introduction

---

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 D5.5.1.3 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

---

The D5.5.1.3 driver release includes the following features:

- WHQL-certified driver, with support for Windows 2008 Server R2 SP1 and Windows 2012 Server systems.
- Support for dual-node cluster configuration for Windows 2008 Server R2 SP1 and Windows 2012 Server systems.
- Support for vRAID Controller Module (VCM) hot swapping for the VIMMs in the Memory Array.

## Known Limitations

---

- A Windows server can be connected to only one Violin Memory Array.

# System Requirements

---

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

## Violin Memory Array

The following are the requirements for the Violin Memory Array:

### Hardware

- Violin 6000 Series Memory Array

### Software

- Software version A5.5.0, A5.5.1, A5.5.2 or later

## Downloading the Driver

---

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 location, download the driver for release D5.5.1.3.

## 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

---

### **Violin Memory, Inc. USA**

685 Clyde Ave  
Mountain View, CA 94043

Email: [support@vmem.com](mailto:support@vmem.com)

Web: [www.violin-memory.com/support](http://www.violin-memory.com/support)

### **Violin Memory EMEA Ltd**

Quatro House  
Lyon Way  
Camberley  
Surrey  
GU16 7ER  
United Kingdom



# Disclaimer

---

\*\*\*\*\*

Copyright 2006-2013 Violin Memory, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY VIOLIN MEMORY, INC., "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL VIOLIN MEMORY, INC. OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Violin Memory, Inc.

\*\*\*\*\*