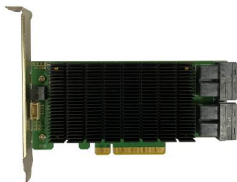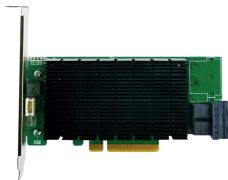HighPoint
Technologies, Inc.

RR3740/3720/2840/840

PCI-Express 3.0 x8 RAID Controller

RR3740/2840/840

RR3720

Quick Installation Guide

v1.00

RR3740/3720/2840/840 Kit Contents

- RAID Controller Card
- Low Profile Bracket
- Quick Installation Guide

Operating System

- macOS 10.9 and later
- Windows 7 and later
- Windows Server 2008 and later
- Linux kernel 3.10 and later
- FreeBSD

Required Accessories

Certified cable is available directly from HighPoint and our authorized resellers. For more information, please contact our Sales Department (sales@highpoint-tech.com).
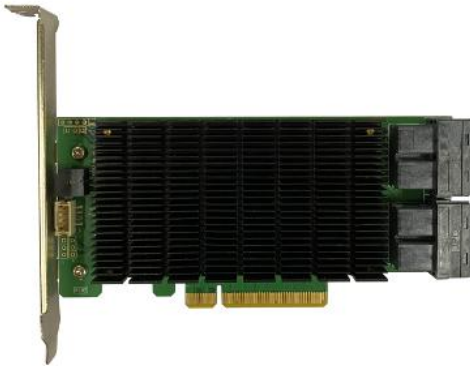
1. In order to use SATA drives with the RR3740/3720/2840/840 RAID controller, you will need at least one **8643-4SATA-1M**

cable. Each cable can support four SATA hard drives or SSD's via an SFF-8643 port.

2. In order to use SAS/SATA drives with the RR3740/3720/2840 RAID controller, you will need at least one **8643-4SAS-1M** cable. Each cable can support up to four SAS/SATA hard drives or SSD's via an SFF-8643 port.
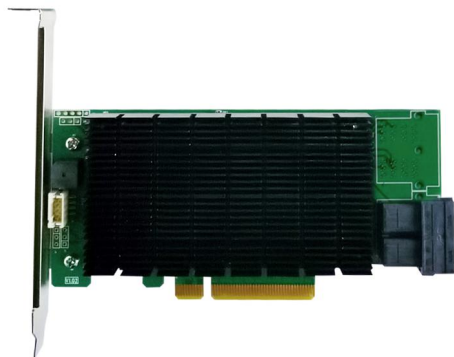
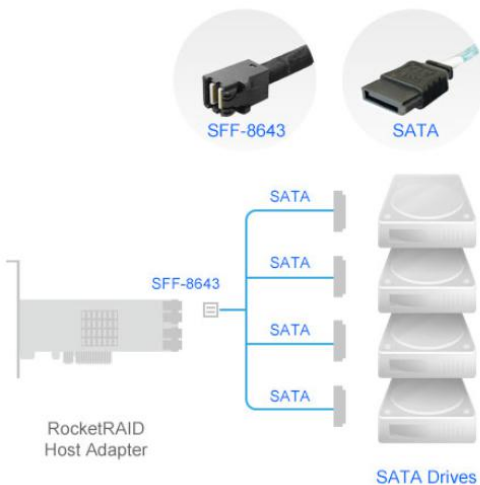**RR3740/2840/840 Hardware**

Front View

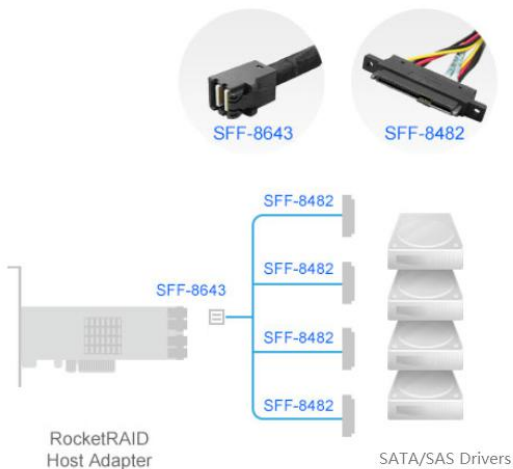**RR3720 Hardware**

Front View

RR3740/3720/2840/840 Hardware Installation

Note: Make sure the system is powered-off before installing the RAID Controller.

1. In order to use SATA drives with the RR3740/3720/2840/840 RAID controller, you will need at least one **8643-4SATA-1M** cable. Each cable can support four SATA hard drives or SSD's via an SFF-8643 port.
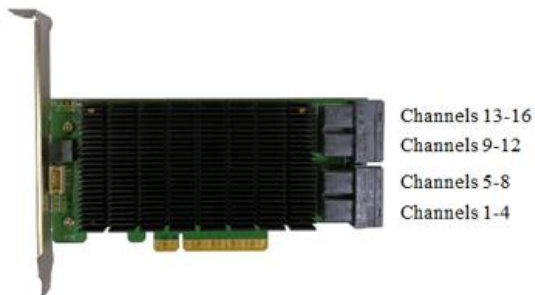
2. In order to use SAS/SATA drives with the RR3740/3720/2840 RAID controller, you will need at least one **8643-4SAS-1M** cable. Each cable can support up to four SAS/SATA hard drives or SSD's via an SFF-8643 port.

3. Connect RR3740/3720/2840/840 into the PCIe x8 3.0 or PCIe4.0 slot of the motherboard;

4. The channel of the RAID Controller is displayed as follows:

Channel Layout

Channels 13-16
Channels 9-12
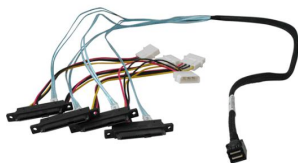Channels 5-8
Channels 1-4

RR3740/2840/840

Channels 5-8
Channels 1-4

RR3720

Optional Certified Cable Accessories

Device Cables	
8643-4SAS-1M 	1M SFF-8643 SAS to 4x SFF-8482 SAS cable Length: 1M

8643-4SATA-1M	SFF-8643 SAS to 4x SATA cable, with Power Connector

Length: 1M |
| **8644-HSAS-1M** | SFF-8644 SAS to SFF-8644 SAS cable, designed for use with the RR3742

Length: 1M |

Resources

A variety of manuals, guides and FAQ's are available for RocketRAID 3700/2800/800 series RAID controllers. In addition, we recommend visiting the Software Downloads webpage for the latest drivers, management interfaces, and installation guides.

Software Download:

RR3740/3720 Driver, WebGUI, installation Guide：

https://highpoint-tech.com/USA_new/series-rr3700-download.htm

RR2840 Driver, WebGUI, installation Guide：

https://www.highpoint-tech.com/USA_new/series-rr2840a-download.htm

RR840 Driver, WebGUI, installation Guide：

https://highpoint-tech.com/USA_new/series-rr800-download.htm

Other Reference / Information:

HDD&SSD Compatibility Lists, Installation Guides

RR3740/3720 Download link:

https://highpoint-tech.com/USA_new/series-rr3700-overview.htm

RR2840 Download link:

https://highpoint-tech.com/USA_new/series-rr2840a-resource.htm

RR840 Download link:

https://highpoint-tech.com/USA_new/series-rr800-resource.htm

Certified Accessories:

https://highpoint-tech.com/USA_new/cs-cable-sas.htm?ver=190329

Accessory Details for each product:

RR3740/3720 page link:

https://highpoint-tech.com/USA_new/series-rr3700-overview.htm

RR2840 Page link:

https://highpoint-tech.com/USA_new/series-rr2840a-overview.htm

RR840 Page link:

https://highpoint-tech.com/USA_new/series-rr800-overview.htm

FAQ & Troubleshooting:

https://highpoint-tech.com/USA_new/support.htm

Customer Support

If you encounter any problems while utilizing the RAID controllers, or have any questions about HighPoint Technologies, Inc. products & solutions, feel free to contact our Customer Support Department.

Web Support: http://www.highpoint-tech.com/websupport/

HighPoint Technologies, Inc. websites:
http://www.highpoint-tech.com