



RocketStor 6318A

Thunderbolt™ 2 Hardware RAID
8-Bay Storage Enclosure

Quick Installation Guide

V1.00

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HighPoint RocketStor 6318A

HighPoint's RocketStor 6318A Thunderbolt™ Storage Solution delivers up to 64 terabytes of high-performance, hardware RAID storage from a single cable connection!

The fully integrated hardware RAID controller and removable disk modules were designed for today's fastest 6Gb/s storage devices - perfect for professional, I/O intensive applications such as digital content creation and media post production. The RocketStor 6318A's robust, stylish aluminum construction ensures your storage stays cool while running at optimum efficiency.

Key Features

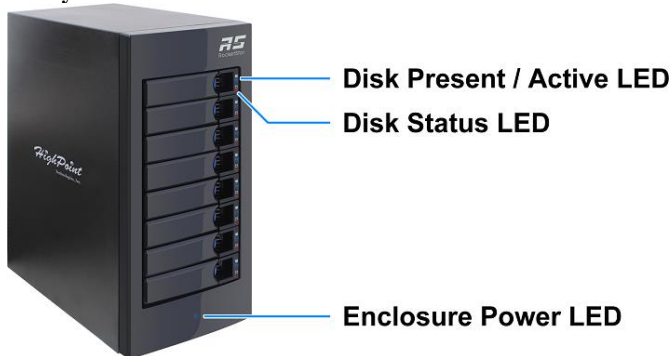
- Stylish, compact and Whisper-Quiet Enclosure
- Thunderbolt™ 2 interface with 20Gbps of throughput in both channels
- 3.5" and 2.5" SAS/SATA Removable Disk Tray Module
- RAID level 0, 1, 5, 6, 10, 50 & JBOD
- Comprehensive Storage Management Suite

Kit Contents

- Enclosure x 1
- Disk Tray x 8 (Installed)
- Hard Disk Drive mounting screw x 2 set (3.5" and 2.5")
- Thunderbolt™ cable x 1
- Power Cord x 1

RocketStor 6318A Hardware

Panel Layout-Front View

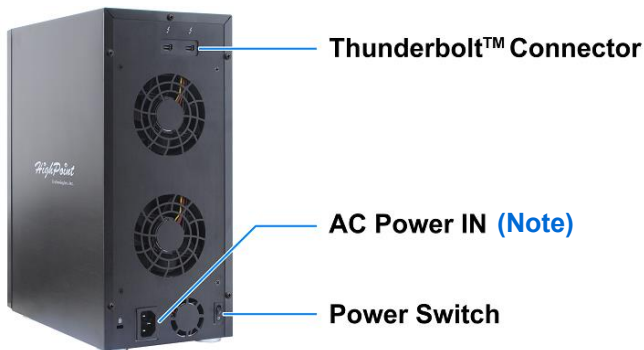


Device Present & Active LED: Solid/Flash Blue - HDD Access Indicator

Device Status LED: Solid/Flash Red - Device Failure / Rebuilding Indicator

Enclosure Power LED: Solid Blue - Power on Indicator

Panel Layout-Rear View



Thunderbolt connectors: Connecting Thunderbolt cables

AC Power IN receptacle: Connecting AC power cord.

Power switch: Enclosure power switch.

Note: Enclosure power supply AC INPUT 100-240V ~ 5A 50/60Hz

Setup Enclosure

1. Place the RocketStor 6318A on a level surface and remove each disk tray.



2. Carefully insert the 3.5" or 2.5" disk into each disk tray and secure them with the provided mounting screws.

For 3.5" disk: Use the 3.5" screw (black color) to mount the disk to the disk tray on the side.



For 2.5" disk: Use the 2.5" screw (silver color) to mount the disk to the disk tray on the bottom



3. Connect the RocketStor 6318A to the host system with the Thunderbolt cable, and then connect the RocketStor 6318A with a power source.



4. With the power cord connected to the power source, turn on the RocketStor 6318A using the power switch on the rear panel (switch to the “I” position to power on the RocketStor 6318A).



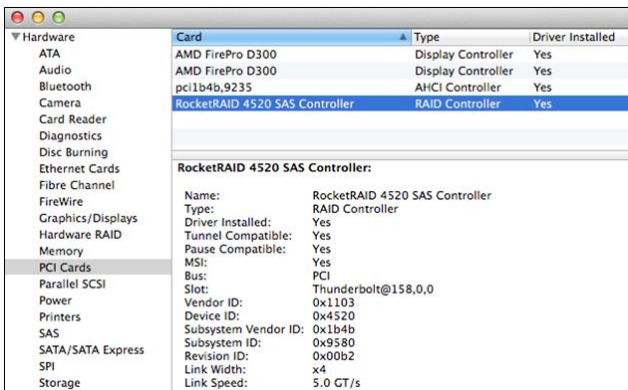
5. RocketStor 6318A is designed to be powered on and powered off simultaneously with the HOST system, when the RocketStor 6318A is connected to the HOST system with the Thunderbolt cable. Therefore, power on HOST first – the RocketStor 6318A will automatically power on.



Setup the RocketStor 6318A under Mac

1. Verify the RocketStor 6318A's RAID Controller driver. Following step 1, check to make sure the "Driver Installed" status for the RocketRAID 4520 SAS Controller is "Yes". If you are using OS X 10.9.x (Mavericks), the driver is natively supported by the OS. If you are using OS X 10.8.x (Mountain Lion) or earlier, you will need to download and install the driver for the RocketStor 6318A's RAID controller. To download the driver, please visit the RocketStor 6318A product page on:

<http://www.hptmac.com>



The screenshot shows the 'Hardware' section of the Mac System Information window. The 'PCI Cards' category is selected in the left sidebar. The main pane displays a table of installed PCI cards. The 'RocketRAID 4520 SAS Controller' is highlighted. Below the table, detailed information for this controller is provided.

| Card | Type | Driver Installed |
|---------------------------------------|------------------------|------------------|
| AMD FirePro D300 | Display Controller | Yes |
| AMD FirePro D300 | Display Controller | Yes |
| pci1b4b,9235 | AHCI Controller | Yes |
| RocketRAID 4520 SAS Controller | RAID Controller | Yes |

| | |
|--|--------------------------------|
| RocketRAID 4520 SAS Controller: | |
| Name: | RocketRAID 4520 SAS Controller |
| Type: | RAID Controller |
| Driver Installed: | Yes |
| Tunnel Compatible: | Yes |
| Pause Compatible: | Yes |
| MSI: | Yes |
| Bus: | PCI |
| Slot: | Thunderbolt@158,0,0 |
| Vendor ID: | 0x1103 |
| Device ID: | 0x4520 |
| Subsystem Vendor ID: | 0x1b4b |
| Subsystem ID: | 0x9580 |
| Revision ID: | 0x00b2 |
| Link Width: | x4 |
| Link Speed: | 5.0 GT/s |

After verifying the RAID driver, download the RocketStor 6318A's Web RAID Management interface (WebGUI). The WebGUI is available from the RocketStor 6318A product page on <http://www.hptmac.com>

2. After downloading and installing the WebGUI, open the WebGUI by double-clicking the icon found on the desktop:



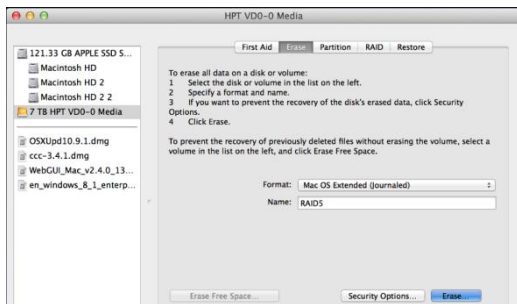
Use the default user name: **RAID** and password: **hpt** to login.
To learn how to use the WebGUI, please visit:

http://www.highpoint-tech.com/help/en/r_content.html#logical1

3. After the new RAID volume has been configured, OS X will display a pop-up window.



Select Initialize button to start the disk utility.



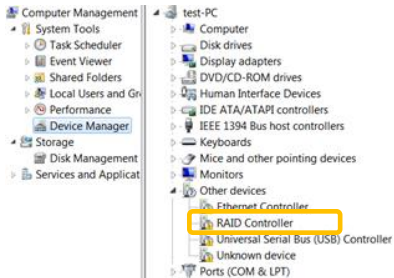
Select the RAID volume that has been built, and select **Erase** on top, name the RAID volume in the center part, and then select Erase on bottom right of the pane to format the RAID volume. After formatting, the RAID volume is ready for use.



4. To eject the RAID volume on Mac OS, select Go on top of OS screen, and select Computer. Right-click the RAID volume and then select Eject to safely eject the RAID volume from the computer.

Setup RocketStor 6318A under Windows

1. Driver Installation: Windows
 - 1) Boot up the Windows operating system.
 - 2) Make sure the host system's Thunderbolt™ driver has been installed.
 - 3) Open the Windows Device Manager. The RS6318A will be recognized as a RAID controller under "Other devices".



- 4) Download the Windows driver package from HighPoint website.
 - 5) Extract the package and click the setup.exe program to install the driver. The installation program will install the RS6318A driver, automatically.
 - 6) After rebooting the system, the RocketRAID 4520 will be recognized by Device Manager, and listed under "Storage Controllers".
2. Install and Start the RAID Management software.
 - 1) Download the RAID Management Software (WebGUI) from HighPoint Website.
 - 2) Extract the package and double Click the Installation program to start installing WebGUI for Windows.
 3. Running the WebGUI
 - 1) After installation is complete, a WebGUI icon will be displayed on the desktop.



- 2) Double-click this icon to open the WebGUI. The system's default web browser will open a login page. To login, use the default user name: RAID and password: hpt.



The screenshot shows the HighPoint RAID Management WebGUI login interface. At the top right is the HighPoint Technologies, Inc. logo. Below it is a navigation bar with links: Global View, Physical, Setting, Event, SHI, Logout, and Help. The main content area has a blue header that says "Please Login". Below this header are two input fields: "User Name" with the value "RAID" and "Password" with three asterisks. A "Login" button is positioned below the password field. At the bottom of the page, there is a footer that reads: "HighPoint RAID Management 2.4.0 Copyright (c) 1996-2013 HighPoint Technologies, Inc. All Rights Reserved".

Warning: *Using the WebGUI to create RAID arrays will destroy all pre- existing data on the selected disks. Make sure to backup any important data before using these disks to create arrays.*

Customer Support

If you encounter any problems while utilizing the HighPoint RocketStor 6318A, or have any questions about this or any other HighPoint Technologies, Inc. product, 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>

<http://www.hptmac.com>

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