



RocketStor 6124V

4-Bay USB-C SATA RAID Storage Enclosure

Quick Installation Guide

V1.03

RocketStor 6124V Overview

The RocketStor 6124V utilizes high-performance USB 3.1 Gen 2 Type-C connectivity to directly support up to 4 SATA Hard Drives or SSDs in one or more RAID storage configurations. The ease of use, universal availability and affordability of USB-C connectivity, combined with the robust bandwidth delivered by USB 3.1 Gen 2 technology, make for a truly a cost-effective high-performance RAID solution for any Mac or PC platform. The adjustable fan control allow the user to manually change the fan speed to their preference.

Key Features

- 4x Faster than USB 3.0 RAID 5 Storage
- Up to 4x 14TB Hard Drives
- RAID 0, 1, 5, 1/0, JBOD and Single Disk supported
- USB 3.1 Gen-2 port, Type -C Connector
- LCD screen that displays Temperature Reading and Fan Speed
- Adjustable Fan Control

Kit Contents

- 1x 4-Bay Tower Enclosure
- 4x Drive Trays
- 1x 10Gb/s USB Type-C to Type-C Cable (1 meter)
- 1x UL Power Cord
- 16x 3.5" HDD mounting screws
- 16x 2.5" SSD mounting screws
- 1x Quick Installation Guide

RocketStor 6124V Hardware

Panel Layout-Front View



Disk Present LED:	Solid Blue
Disk Active LED:	Flash Blue
Disk Fail LED:	Solid Red
Disk Rebuilding LED:	Flash Red
Disk Identify LED:	Flash Blue and Red
Enclosure Power LED:	Solid Blue
Temperature Warning LED:	Solid Yellow
Fan/Temperature Fail LED:	Solid Red

Panel Layout-Rear View



System Requirements

PC Requirements

- Mac or PC System with a USB type C Port
- Windows 10 or later
- macOS 10.12 or later

Enclosure Setup

1. Place the RocketStor 6124V 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.
3. After installing the hard drives, connect the RocketStor 6124V to a power source.
4. With the power cord connected to the power source, turn on the RocketStor 6124V using the power button on the rear panel (click the button to power on the RocketStor 6124V).
5. Connected the RocketStor 6124V to the host system with the USB Type-C to Type-C cable.

Setting up the RocketStor 6124V

1. Install the RAID Management software.
 - 1) Download the RAID Management Software (WebGUI) from HighPoint Website:
http://highpoint-tech.com/USA_new/series-rs6124v-download.htm
 - 2) Extract the package and double Click the Installation program to start installing the WebGUI
 - 3) Follow the on-screen instructions to complete the installation procedure.
2. Driver Installation for Windows
 - 1) Boot up the Windows operating system.
 - 2) Download the Windows driver package from the HighPoint website:
http://highpoint-tech.com/USA_new/series-rs6124v-download.htm

- 3) Extract the package and click the setup.exe program to install the driver. The installation program will install the RocketStor 6124V driver, automatically.
- 4) If prompted by Windows, reboot the system after the driver is installed to complete installation.
- 5) After reboot the Windows, open **Device Manager**. A **HighPoint USB RAID Controller** entry should appear under **Storage Controllers**

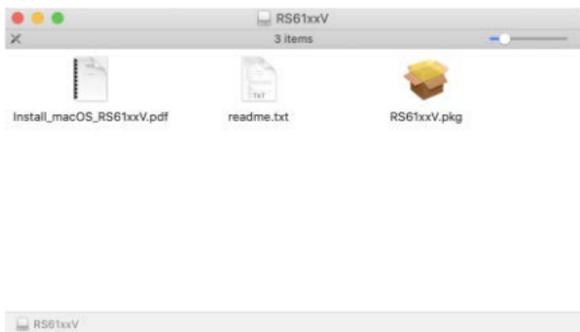


3. Driver Installation for macOS

- 1) Download the Mac driver package from the HighPoint website:
http://highpoint-tech.com/USA_new/series-rs6124v-download.htm
- 2) Once downloaded, locate the folder you downloaded the driver to and double click on the file named “RS61xxV_###.dmg”



- 3) The file will be mounted onto the operating system, click on [RS61xxV.pkg](#) located on the mounted drive.



- 4) Follow the on-screen instructions to continue the installation.
- 5) Reboot the computer when finished.

4. Quickly Setting up a RAID Array

An array is a collection of physical disks that will be seen as one virtual drive by your Operating System (OS). To create an array:

- 1) Log into the WebGUI.
- 2) Click **Quick Config.** > **Create Array** to go to the array configuration page and follow the steps prompted on the page

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.*

The screenshot shows the 'Array configure Wizard' interface with a navigation bar at the top containing 'Overview', 'Quick Config.', 'Advanced Config.', 'Settings', 'Event', 'SHI', and 'Help'. The wizard is divided into three steps: 1. Choose RAID level, 2. Select Disk Type, and 3. Finish. Step 1 is currently active. On the left, there is an image of a RocketStor 6124V server. The 'Choose RAID Level:' section includes the instruction '(Please select "Advanced Config." to create RAID10/50)'. The options are:
• RAID 5: Speed & Security. Protects against 1 drive failure. 2 Disks Mirror.
• RAID 1: Maximum Performance. No protection.
• RAID 0: Just a Bunch Of Disks (optimizes capacity).
• JBOD(Volume)
A 'Next' button is located at the bottom right of the options.

(For more information, refer to the RocketStor 6124V user manual posted online)

Customer Support

If you encounter any problems while utilizing the RocketStor 6124V, or have any questions about this or any other HighPoint Technologies, Inc. product, feel free to contact our Customer Support Department or check our FAQ for more information.

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

HighPoint Technologies, Inc. websites:

<http://www.highpoint-tech.com>

© Copyright 2018 HighPoint Technologies, Inc. All rights reserved.