

RocketStor 6124V

4-Bay USB 3.1 10Gb/s Gen2 RAID Storage Enclosure



USB RAID Just Got **Faster!** Up to **1000MB/s** Sustained Performance!

- 4-Bay USB 3.1 Gen 2 RAID Storage Enclosure
- Easily connects to any Mac or PC with USB-C or Thunderbolt™ 3 Ports!
- Configurable RAID 0, 1, 5, 1/0, JBOD & Single Disk Configurations
- Adjustable Fan Control
- Integrated LED Panel for Real-Time enclosure management
- User Friendly Enclosure and RAID Management Suite

Industry's Fastest 4-Bay USB 3.1 10Gb/s RAID Storage Enclosure: Powered by HighPoint Turbo RAID Technology

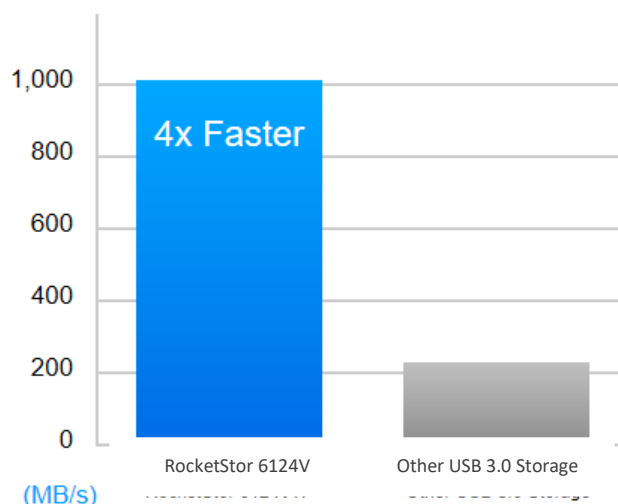
HighPoint's Industry Proven Turbo RAID Technology enables the RocketStor 6124V to configure, manage, and host RAID arrays across four 14TB hard drives, and 56TB of capacity, while delivering up to 1000MB/s of transfer performance; something no other USB 3.1 Gen2 storage or connectivity solution is capable of!



4x Faster than other USB 3.0 RAID 5 Storage Solutions

RAID 5 configurations hosted by the RocketStor 6124V can deliver up to 1000MB/s¹ of real-world performance – nearly 4x the throughput of ordinary USB 3.0 based storage solutions!

The RocketStor 6124V's high-performance architecture is capable of supporting multiple RAID configurations and is ideal for professional applications and multi-tasking workflows.



¹ (Actual data rates may vary depending on operating environment and other factors, such as RAID mode, RAID configuration, and disk capacity)

Add RAID 5 Storage to any system with a USB Type-C, Thunderbolt™ 3 USB-C Port

The universal nature of USB connectivity makes setup and installation a snap; the RocketStor 6124V requires only a single cable between the enclosure and host system. The integrated USB 3.1 Gen 2 technology is fully backwards compatible with USB 3.0. In addition, the RocketStor 6124V is the industry’s most affordable 4-Bay RAID 5 storage enclosure for Thunderbolt™ 3 capable host platforms; it is fully compatible with Thunderbolt™ 3 USB-C connectors. Combined with our market proven Value RAID IP and 4-independent drive bays, the RocketStor 6124V is a truly viable, alternative to high-priced Thunderbolt™ 3 based storage solutions.

Integrated LCD Panel for Temperature Monitoring and Fan Control

Each RocketStor 6124V features a built-in LCD panel that displays the enclosure’s environmental conditions in real-time. Customers can quickly access the temperature of the storage configuration, specify the fan Control Mode and adjust fan speed to ensure the drives stay healthy and run optimally. In addition, a built-in error alarm can be set to activate in the case of temperature or enclosure-related warning or failure.



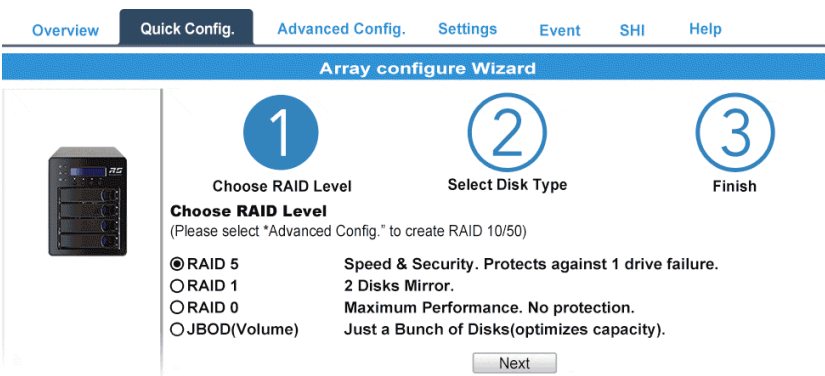
Fast & Flexible – Multi-RAID Array or Single Drive Support

The RocketStor 6124V’s open approach to storage applications allows customers to use their choice of SATA drive from all major drive brands including HGST, Seagate, Toshiba and WDC. The integrated Online Capacity Expansion (OCE) and Online RAID level Migration (ORLM) features can add drives to existing RAID configurations, and change one RAID type to another, on the fly.

The four removable hot-swap bays support any 2.5” or 3.5” SATA Hard Drive or SSD, up to 14TB in size, and up to 56TB of total storage capacity in one or more RAID configurations. Enterprise/NAS class drives are recommended for the RocketStor 6124V; customers can tailor storage configurations to meet each application’s performance and budget requirements.

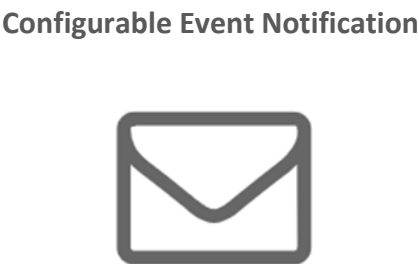
Configure Arrays in 3 Easy Steps with RocketStor Manager!

Creating arrays has never been easier! Each RocketStor 6124V includes an easy to use, web-based management utility. The built-in Array Configuration Wizard allows users of any experience level to create any type of RAID array in three easy steps. Advanced Management Features allow Customers to configure Email notification, Schedule maintenance sessions or compose a summary of the system’s hardware and software configuration for support inquiries, with a single click!



Safeguard Your Storage Investments

The RocketStor 6124V seamlessly integrates LED features, intelligent cooling apparatus, and Email Notification to ensure your storage investments stay healthy and accessible.



- Enclosure
- Enclosure Power
 - Warning
 - Fail
- Drive Status
- Power on
 - Access
 - Fail
 - Rebuilding

Smart Mode - Automatically adjusts fans speeds to maintain consistent ambient temperatures while keeping unwanted noise to a minimum.

Manual Mode - Fan speed can be adjusted manually using the integrated LCD Panel.

Get RAID Storage Health Status updates anytime, anywhere, via Email.







Feature Specifications			
Port Type	1x USB 3.1 Gen2	Disk Tray	4x Hot-swappable Disk Trays
Number of Ports	1x USB-C	Drive Form Factor	3.5" & 2.5"
Interface Technology	<ul style="list-style-type: none">• Supports up to USB 3.1 10Gb/s link speed• Supports UASP (USB Attached SCSI Protocol)• Backwards compatible with USB 3.0	Power Supply	250W Internal Power Supply AC Input: 100–240V, 50-60Hz
RAID Level	RAID 0, 1, 5, 1/0 ² , JBOD and Single Disk	Cooling	One 80 x 80 x 20 mm Cooling Fan
System Requirement	System with a USB-C or Thunderbolt™ 3 port	Material	Brushed aluminum housing
	macOS 10.12 & Later, Windows 10 & Later	Dimension	8.43"(H) x 5.28"(W) x 8.66"(D)
Max. Capacity	Unlimited	Weight	11.7 lbs. (W/O Hard Disk)
Number Of drives	4 (HDD/SSD sold separately)	Warranty	2 Years
Drive Interface	SATA	Performance Benchmark: Sustained Read/Write Performance ¹	RAID0: <ul style="list-style-type: none">• Read up to 1000MB/s• Write up to 1000MB/s RAID5: <ul style="list-style-type: none">• Read up to 1000MB/s• Write up to 750MB/s

¹(Actual data rates may vary depending on operating environment and other factors, such as RAID mode, RAID configuration, and disk capacity)

²RAID 1/0 is the equivalent of RAID 10

Storage Management Features	
Drive Status LED	<ul style="list-style-type: none">• Power on• Access• Fail• Rebuilding
RocketStor RAID Manager	Browser-Based management tool for storage monitoring and maintenance
	SHI Drive S.M.A.R.T monitor
	Email Alert Notification
Operating Environment	
Temperature	(operating) 5°C – 45°C (non-operating) -40°C – 65°C
Compliance Certification	FCC, CE, RoHS, REACH, WEEE
Kit Contents	1x 4-Bay Tower Enclosure
	4x Drive Trays
	1x USB Type-C to Type-C Cable (1 Meter)
	1x UL Power Cord
	16x 3.5" mounting screws
	16x 2.5" mounting screws
	1x Quick Installation Guide

LCD Enclosure Management	<ul style="list-style-type: none">• Show enclosure temperature• Show fan speed• Smart fan or manual fan speed control• Enable/Disable LCD backlight
Enclosure LED	<ul style="list-style-type: none">• Enclosure Power• Warning• Fail
Advanced RAID Features	Configurable RAID Block Size up to 1MB
	Storage Health Inspector
	Multiple RAID Partitions supported
	Online Array Roaming
	Online RAID Level Migration (ORLM)
	Online Capacity Expansion (OCE)
	RAID Initialization: Background/Foreground/Quick
	Global Hot Spare Disk support
	Automatic and configurable RAID Rebuilding Priority
	Disk Format compatible: 512, 512e, 4Kn
	Larger than 2 TB Drive and RAID Array support
	Spin down Massive Arrays of Idle Disks support
	Native Command Queuing
	Write Back and Write Through

Optional Accessories	
	RocketStor TRAY-T - Removable hot-swap drive tray The RocketStor RSTRAY-T is a replacement Drive Tray for HighPoint RocketStor Series Tower RAID Enclosures, and rDrive RAID Solutions. It supports 2.5" and 3.5" drives.
	USB-C31-1MC - USB-C to USB-C cable (1 Meter) The HighPoint USB-C31-1MC cable has been qualified for compatibility with the HighPoint RocketStor 6124V USB3.1 Gen-2 RAID Enclosure and a wide range of USB 3.1 controllers.
	USB-C31-06B - 0.6M 10Gb/s USB-C to USB Micro-B cable The HighPoint USB-C31-06B cable has been qualified for compatibility with the HighPoint RocketStor 6124V USB3.1 Gen-2 RAID Enclosure and a wide range of USB 3.1 controllers.
	USB-C31-1MA - 1M 10Gb/s USB-C to USB-A cable. The HighPoint USB-C31-1MA is a 1 Meter 10Gb/s USB-C to USB Type-A cable has been qualified for compatibility with the HighPoint RocketStor 6124V USB3.1 Gen-2 RAID Enclosure. It was designed to allow customers to use this device with USB 3.1 controllers that have Type-A ports.
	RocketU 1344A (Only for Windows systems) – 4x 10Gb/s USB 3.1 Gen2 PCIe 3.0x4 HBA. Features 4x USB 3.1 Type-A Ports.
	RocketU 1322BA – 2x 10Gb/s USB 3.1 Gen2 PCIe 3.0 HBA. Features 1x .USB3.1 Type-C + 1x USB 3.1 Type-A Ports.

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