

HighPoint Launches RocketStor 6430TS Series 12G SAS & 6GSAS/SATA Tower RAID Enclosures

April 2022 – Fremont, CA. HighPoint launches RocketStor 6434TS and 6348TS, a new series of 12Gb/s SAS/6Gb/s SAS/SATA RAID Tower Enclosures designed for professional server and workstation applications that require robust, portable and easily serviced external storage solutions. RocketStor 6430TS series RAID enclosures are powered by our industry proven RAID technology, and are equipped with up to eight hot-swappable drives trays capable of supporting both 2.5” and 3.5” 12G SAS and 6G SAS/SATA hard drives and SSDs. The rugged, aluminum construction and integrated high-efficiency cooling systems enable the enclosures to operate 24/7/365 in a wide range of working environments.

High-Performance Host to Device Connectivity Architecture

RocketStor 6430TS series RAID enclosures unique hardware architecture was designed to eliminate performance bottlenecks. The enclosure, controller and cabling designs feature 12Gb/s & 6Gb/s compliant host-to-device connectivity to ensure each SAS/SATA hard drive operates at full speed. Each industry standard SFF-8644 connector is capable of supporting up to four independent SAS/SATA drives simultaneously, with no loss of performance or hidden latency penalty.

Advanced Cooling system with Full Fan Control & Built-In LCD

RocketStor 6430TS series RAID enclosures advanced cooling system employs dedicated cooling hardware and an integrated audio & visual warning system to keep storage configurations within the recommended temperature threshold. Each enclosure benefits from robust aluminum construction and features separate low-noise fans for the vented drive bays and power supply, and a configurable 16x2 backlit LCD screen with built-in fan control. The audible alarm will automatically sound if one or more drives reaches a critical threshold. Administrators can check the status of the enclosure environment with a few simple clicks, and adjust fan speeds on the fly to keep temperatures under control.

Easy Serviceability

RocketStor 6430TS series RAID enclosures were designed to simplify installation, upgrade and maintenance workflows by optimizing field serviceability. The rugged, lightweight construction, built-in carry handle and quick-release external cable design enable administrators to easily move RocketStor 6430TS series enclosures from one platform to another, whether in the office or in the field. Quick-latch removable drive trays can accommodate any industry standard 2.5” and 3.5” form factor SAS/SATA hard drive or SSD. Built-in LED indicators, a configurable LCD display and audible alarms enable administrators to quickly diagnose potential hardware issues.

Industry proven RAID Technology & Management Suite

RocketStor 6430TS RAID enclosures are powered by our industry proven SAS/SATA RAID stack, and are capable of supporting one more RAID 0, 1, 5, 6, 10, 50 arrays, non-RAID JBOD configurations and single drives.

RocketStor 6430TS RAID Enclosures utilize the latest iteration of our universal web-based and command line management suite. A built-in RAID Wizard enables administrators of any experience level quickly and easily configure RAID storage for a wide range of applications.

Advanced Management Features allow customers to fine tune arrays for specific projects, with options to specify block size, enable auto-rebuild in the case of a disk failure and designate spare disks for recovery, and schedule routine automated maintenance sessions with Email notification.

SHI (Storage Health Inspector) allows administrators to instantly check the operating status of storage devices in real-time. SHI utilizes SMART technology to log and report the physical characteristics of each hard drive or SSD, such as temperature, voltage and disk related warnings or errors.

Online Array Roaming – Like all HighPoint RAID solutions, RocketStor 6430TS enclosures support Online Array Roaming, which simplifies storage upgrade and replacement procedures. Customers can move the enclosure to other HighPoint series controllers, such as the RR3742A, without having to start from scratch or recover an array. RocketStor 6430TS enclosures are also capable of recognizing arrays created with other HighPoint series SAS/SATA RAID controllers, even if the drives are moved to different bays/ports.

Intelligent 1-Click Self-Diagnostic Solution: HighPoint's Web-based graphical management suite (WebGUI) now includes a host of automated diagnostic tools designed to streamline the troubleshooting process, even for novice administrators. Customers no longer have to manually assemble a collection of screenshots, logs and status reports when submitting support inquiries. 1-click enables the interface to gather all necessary hardware, software and storage configuration data and compile it into a single file, which can be transmitted directly to our FAE Team via our Online Support Portal.

Pricing and Availability

RocketStor 6430TS Series RAID Enclosures are available for preorder direct from HighPoint and our North American resale and distribution partners and will be shipped starting in mid June

RocketStor 6438TS (RS6438TS) – 8-Bay Tower RAID Storage Enclosure

RocketStor 6434TS (RS6434TS) – 4-bay Tower RAID Storage Enclosure

RocketStor 6434S (RS6434S) – 4-bay Tower Storage Enclosure

RocketStor 6438S (RS6438S) – 8-bay Tower Storage Enclosure

Certified Accessories

RocketStor 6661A (RS6661A) – Thunderbolt™ 3 PCIe Expansion chassis. The RS6661A is capable of hosting the RocketStor 6430TS's PCIe RAID controller card – this combination enables customers to add external RAID storage to any Mac or PC platform with Thunderbolt™ 3 connectivity.

RocketStor 3742A (RR3742A) – 16-Port Internal/External PCIe 3.0 x8 12Gb/s SAS RAID Controller. The RR3742A is bundled with each RocketStor 6430TS enclosure. Installing a second card enables customers to quickly move the enclosure between the two systems while they remain active, thanks to the hot-swap and RAID Roaming capabilities.

8644-HSAS-110 – 1 Meter SFF-8644 to SFF-8644 cable