HighPoint Launches the RocketRAID 620L; The industry's most affordable, Bootable Dual-Port 6G SATA RAID 1 Solution

April 2022 – Fremont, CA. HighPoint will be launching the RocketRAID 622L PCIe 2.0 x1 6Gb/s SATA RAID HBA, a direct replacement for the long running RocketRAID 620 controller card.
The Rocket 622L utilizes Marvell's MagniPlus chipset and can support up to two SATA 6Gb/s hard drives or SSDs via a pair of industry-standard SATA ports, in RAID 0, 1 JBOD or single-disk configurations. Comprehensive driver support is available for all major PC operating systems including Windows 11, 10 and Server 2022, and common distributions of Linux.

Industry's most affordable, Bootable RAID 1 Mirroring Solution

PC-based workstations and servers can assign the RocketRAID 620L to function as a boot controller. In addition to RAID 0 striping, the RocketRAID 622L can support redundant RAID 1, mirroring configurations. RAID 1 is ideal for bootable storage configurations, as it creates a hidden, automated backup of the boot volume. If the active hard drive or SSD should fail, the mirrored backup will immediately activate; the operating system will continue to operate normally.

Easy To install and configure

RocketRAID 620L controller utilize a universal PCIe 2.0 x1 host interface – this enables them to be installed into any industry-standard PCIe 2.0, 3.0 or 4.0 slot. In addition, the compact, half-height form factor is ideal for compact desktop and rackmount platforms.
Device drivers are readily available for all current Windows platforms, such as Windows 11 and 10, Server 2022 and 2019, and open-source driver packages are routinely released for Linux distributions.

Industry proven RAID Technology & Management Suite

The RocketRAID 620L is powered by our industry-proven SATA RAID stack, and is capable of supporting RAID 0 or 1 arrays, non-RAID JBOD configurations and single drives. In addition, partition-based RAID features enable RocketRAID 620L controllers to host multiple arrays using the same set of drives. Administrators can specify how much capacity should be assigned to an array during the creation process; any remaining space can be used to configure a separate array.

The RocketRAID 620L utilizes the latest iteration of our universal web-based and command line management suite. Advanced Management Features allow customers to fine tune arrays for specific projects, with options to specify block size, schedule routine automated maintenance sessions, and configure real-time warning 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 – The RocketRAID 620L supports Online Array Roaming. Customers can move the arrays that were created with other controllers, such as the RocketRAID 620, to the RocketRAID 620L. The array will remain intact and accessible, even if the drives are moved to different 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

The RocketRAID 620L will begin shipping in May of 2022.

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