



HighPoint Launches the 4-port RocketU 1244A USB 3.2 HBA; Dedicated 10G USB Controller per port @ PCIe 3.0 x8 Bus Bandwidth

March 2021 – Fremont, CA. HighPoint Technologies, Inc. has unveiled the industry’s fastest USB HBA, the RocketU 1244A.

Each of the RocketU 1244A’s four USB Type-A ports is fully independent, and equipped with a dedicated 10G USB 3.2 controller chip, and a robust PCIe 3.0 x8 host interface. Our unique host controller design ensures each hosted USB device can operate at peak performance without saturating the bus or taxing system resources.

Dedicated 1000MB/s Per-Port Performance Architecture

Unlike most USB controllers in today’s marketplace, the RocketU 1244A sports four independent USB Type-A ports, each of which is powered by a dedicated USB 3.2 10Gb/s controller. This unique Per-Port Performance architecture enables each RocketU 1244A to deliver up to 4000MB/s of transfer bandwidth.

Blazing Fast PCIe 3.0 x8 Host Interface

The blazing fast PCIe 3.0 x8 host interface works in tandem with our Per-Port Performance architecture to ensure each individual USB port can deliver 1000MB/s of transfer bandwidth at all times, even in cases where each port is occupied and under heavy load.

Dedicated USB Controllers Provide Independent Device Paths & Power Delivery

The RocketU 1244A’s four dedicated USB 3.2 controllers enable each port to work independently and deliver up to 7.5W of power for device operation or charging purposes. The innovative PCB layout provides a dedicated USB connection pathway for each port; hosted USB devices can operate at peak performance, without the risk of interference by neighboring USB connections.

Ideal for High-Speed Data Acquisition and Capture Applications

The RocketU 1244A’s performance-focused HBA architecture was designed for workflows that demand ease of integration, hot-plug capability, and rapid file transfer. The four independent 1000MB/s USB ports and PCIe 3.0 x8 host interface can easily accommodate a wide range of high-speed data acquisition applications, including imaging and capture solutions, security systems, and media archiving.

Universal Compatibility

RocketU 1244A controllers can be installed into any computing platform with an industry-standard PCIe 3.0 or 4.0 x8 or 16 slot. The four independent USB Type-A ports support any industry-standard USB 2.0/3.0/3.1/3.2 device, including USB hard drives and SSD’s, cameras, printers, capture devices and peripherals.

xHCI Compliant: Driverless installation

The RocketU 1244A is a true plug-and-play USB controller, and is supported natively by all modern operating system platforms including Windows 10 and Server 2019, macOS Big Sur, and current distributions of Linux.

Pricing and Availability

The RocketU 1244A will be available in early April 2021 from our North American Reseller and Distribution partners.

RU1244A MSRP USD \$239.00