



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

July 2021 – Fremont, CA. HighPoint Technologies, Inc. has unveiled the industry’s fastest 4-port USB 3.2 Type-C HBA, the RocketU 1244C.

Like its sister card, the RocketU 1244A, the RocketU 1244C HBA’s four independent USB ports are equipped with a dedicated 10G USB 3.2 controller chip, and a backed by a robust PCIe 3.0 x8 host interface.

Industry Proven Per-Port Performance USB Architecture

HighPoint’s industry-proven Per-Port Performance USB architecture enables each RocketU 1244C HBA to support up to 4,000 MB/s of transfer bandwidth, while ensuring each hosted USB device can operate at peak performance without fear of saturating the host bus or taxing system resources.

PCIe 3.0 x8 Host Interface

The blazing fast PCIe 3.0 x8 host interface works in tandem with the RocketU 1244C’s Per-Port Performance architecture to ensure each individual USB Type-C connector 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 1244C’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 connectivity pathway for each port; hosted USB devices can operate at full speed without interference from neighboring USB connections.

Designed for High-Speed Data Acquisition and Capture Applications

The RocketU 1244C was built for professional 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 1244C 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-C 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 1244C is a true plug-and-play USB controller, and is supported natively by all modern operating system platforms including Windows 11 & 10, Windows Server 2019, macOS Big Sur, and current distributions of Linux.

Certified Cable Accessories

HighPoint manufactures a selection of certified data cables for USB HBA's and Enclosure products. HighPoint Certified Cable accessories are fully compliant with all current USB technology standards and have been rigorously tested with our RocketU series HBA's to ensure maximum transfer performance, secure connectivity, and ease of integration.

Certified 10Gb/s USB-C Cables

USB-C31-1MC (USB-C to USB-C, 1 Meter, 15W)
USB-A31-1MC (USB-C to USB-A, 1 Meter, 15W)
USB-A31-2MC (USB-C to USB-A, 2 Meter, 15W)
USB-C31-06B (USB-C to USB-Micro B, 1 Meter, 15W)

Pricing and Availability

The RocketU 1244C will be available in August 2021 from our North American Reseller and Distribution partners.

RU1244C MSRP USD \$239.99