



## **HighPoint Launches Comprehensive USB 3.2 HBA Product Family; One to Eight Dedicated 20Gb/s Device Ports!**

December 2021 – Fremont, CA. HighPoint Technologies, Inc. has launched a new USB 3.2 20Gb/s product family; the RocketU 1400 Series. In addition to the RocketU 144C, which was first announced in August, two new models are slated for release in November of 2021; the single port RocketU 1411C, and the eight-port RocketU 1488C. Each member of this new product line are capable of delivering true, next-generation 20Gb/s USB 3.2 connectivity, and represent the fastest USB controllers available in today's marketplace.

### **Dedicated 20Gb/s Per-Port Performance USB Architecture; Maximum Bandwidth & Independent Resources**

RocketU 1400 HBA's employ the latest generation of HighPoint's industry-proven Per-Port Performance USB architecture, which enables each USB device port deliver up to 20Gb/s of transfer bandwidth. Each independent device channel is backed by a dedicated USB 3.2 20Gb/s controller, and robust PCIe 3.0 host interface; x4 for the RocketU 1411C, and x16 for the RocketU 1444C and RocketU 1488C. This unique connectivity architecture ensures each hosted USB device can operate at maximum throughput, concurrently; each channel is unaffected by neighboring USB ports, and the generous host interface ensures the controller will not tax host system resources. In addition, this design enables each device port to deliver up to 7.5W of power for device operation or charging purposes.

### **High-Performance PCIe 3.0 Host Interface**

The blazing fast PCIe 3.0 host interface works in tandem with the our Per-Port Performance Architecture to ensure each individual USB Type-C connector can deliver up to 20Gb/s of transfer bandwidth at all times, even in cases where each port is occupied and under heavy load.

### **Designed for High-Speed Data Acquisition and Capture Applications**

RocketU 1400 series HBAs are built for professional workflows that demand ease of integration, hot-plug capability, and uncompromised transfer performance. The independent 20Gb/s USB ports and PCIe 3.0 host interface can easily accommodate a wide range of high-speed data acquisition applications, including imaging and capture solutions, security systems, media archives, streaming solutions and VR.

### **True Alternative to Thunderbolt™ 3 Connectivity**

HighPoint RocketU Series 20Gb/s USB controllers are high-performance alternatives to Thunderbolt™ 3 based connectivity solutions. Although a single Thunderbolt connection can deliver a higher level of transfer bandwidth for storage media, HighPoint USB 3.2 controllers can support multiple, concurrent connections. A single RocketU 1444C can accommodate four independent USB 3.2 device channels, each of which can operate at full speed, simultaneously.

### **8-Port M.2 NVMe Solution for USB 3.2 Connectivity**

RocketU 1400 Series USB 3.2 HBA's are perfect partners for our upcoming RocketMate 110 M.2 NVMe to 20G USB 3.2 enclosure. A single RocketU 1488C can host up to eight RM110's, and deliver over 14,000MB/s real-world transfer performance!

## **Universal Compatibility**

RocketU 1400 Series controllers can be installed into nearly any PC with a PCIe Gen2 or Gen4 host interface. Each USB device port supports any industry-standard USB 1.x/2.0/3.x device, including USB hard drives and SSD's, cameras, printers, capture devices and peripherals.

## **xHCI Compliant: Driverless installation**

RocketU 1400 series HBAs are true plug-and-play USB solutions, and are supported natively by all modern PC operating system including Windows 11 & 10, Windows Server 2022 & 2019, 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 USB-C Cables**

USB-C31-1MC (20G/10G USB-C to USB-C, 1 Meter Length, 15W)

## **Pricing and Availability**

The RocketU 1400 Series HBAs are now available from our North American Resale and Distribution partners.

RocketU 1411C (RU1411C) MSRP \$59.00 USD

RocketU 1444C (RU1444C) MSRP \$399.00 USD

RocketU 1488C (RU1488C) MSRP USD \$699.00