



RocketU 1388C

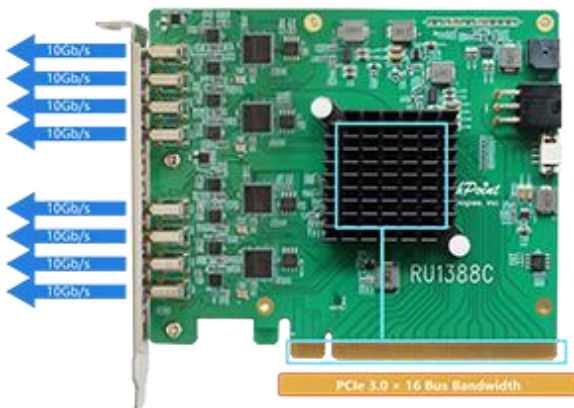
PCI-Express 3.0 x16 Host interface, 8x USB 10Gb/s Type-C Ports

Industry's First 8-Port USB HBA: Up to 10G USB 3.2 Controller per Port!

8x 10G USB Type-C Ports

8x 1000MB/s Transfer Bandwidth

Each of the RocketU 1388C's eight Type-C ports can support up to 10G (1000MB/s) of transfer bandwidth, can operate concurrently, and are capable of delivering up to 7.5W of power for device operation or charging purposes.



Feature Highlights

- 8 USB Type-C ports support any industry-standard USB device or peripheral
- 1000 MB/s of transfer bandwidth per USB port
- Up to PCIe 3.0 x16 Host Interface
- Driverless Installation: Native xHCI Support
- Ideal for professional-grade, High-Speed Data Acquisition & Transfer Applications

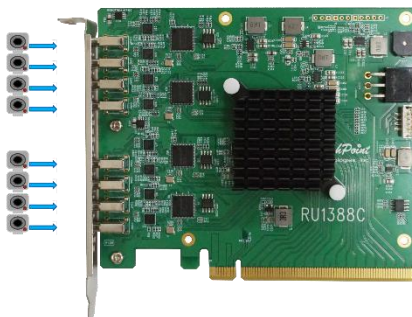
Built for Professional Data Acquisition Solutions

The RocketU 1388C's eight 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.

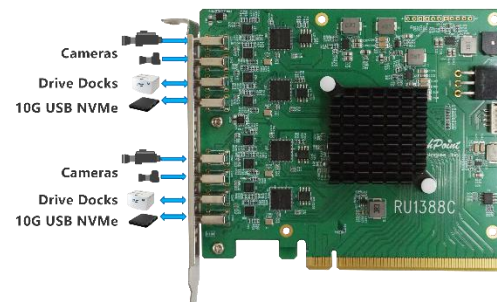
Ideal for High-Speed Data Acquisition and Capture Applications

The RocketU 1388C's performance-focused HBA architecture was designed for workflows that demand ease of integration, hot-plug capability, and rapid file transfer. The eight 1000MB/s USB ports and PCIe 3.0 x16 host interface can easily accommodate a wide range of high-speed data acquisition applications, including imaging and capture solutions, security systems, and media archiving.

USB Cameras & Imaging/Capture Devices







Media Processing & Archiving



Feature Specifications	
Host Bus Interface	16-lane, 8 GT/s PCI Express 3.0 Compliant
Interface Technology	Supports up to USB 3.2 10Gb/s link speed Backwards compatible with USB 3.2 Gen 2, 3.2 Gen 1 & 2.0
Supported Standard	UASP, xHCI
Operating System Support	
Operating System Support (Mac compatibility)	Mac Pro5,1 or 7,1 MacOS10.12.6+
Operating System Support (Windows compatibility)	Computer with PCIe slots Windows 10, 8.1, 7 Windows Server 2019,2016,2012,and 2008(64-bit editions)
Operating System Support (Linux compatibility)	Computer with PCIe slots Linux kernel 3.10.0+
Apple M1 Platform Support	Yes(Requires RS6661A)
Number of Channel / Port	8x USB 3.2 Type-C
Port Type	USB Vertical Type-C
Data Transfer Rates:	Up to 10Gb/s per port
Number of Devices	8 x USB 1.x, 2.0, and 3.x compatible devices
USB port Ampage	Each port has 1.5A output (Could be upgrade to 3A if changing some components in BOM)
Bus Powered Peripherals	Up to 7.5W per port for device operation or charging
External Power Support	Yes (Use 6pin PCIe Power Connector)
USB Port Sharing	Shared: 2 USB ports are assigned to each USB controller (ASM3142)
Form Factor	Full-Height
Dimensions	5.09"W x 4.37"H x 0.70"D
Weight	0.49 lbs.
Warranty	1 Year
Compliance Certification	CE, FCC, RoHS, REACH, WEEE
Storage Feature	
Bootable Drive Support	Yes (Linux, Mac)
Drive hotplug Support	Yes
Operating Environment	
Work Temp:	5°C ~ 45°C
Storage Temp:	40°C ~ 65°C
Operating Voltage	PCI-e: 12V, 3.3V
Power	Typical: 10W (card only)
MTBF (Mean Time Before Failure)	920,585 Hours
Kit Contents	
Controller card	1x Controller card
Quick Installation Guide	1x Quick Installation Guide
Low Profile Bracket	N/A

HighPoint Certified Cabling Accessories

HighPoint Certified USB Accessories are fully compliant with all current technology standards and have been rigorously tested with our USB HBA's, USB Enclosures, USB Drive Docks, and a variety of motherboard and computing platforms to ensure maximum transfer performance, secure connectivity, and ease of integration. As we cannot guarantee secure connectivity, optimal transfer bandwidth, stability, or compatibility with unqualified third-party cables, adapters, or enclosures, only HighPoint Certified accessories used with our product lines.

HighPoint Certified Accessories	
	USB-A31-1MC – USB-C to USB-A cable, 1 Meter, 15W
	USB-A31-2MC - USB-C to USB-A cable, 2 Meter, 15W
	USB-C31-1MC - USB-C to USB-C cable, 1 Meter, 15W
	USB-C31-06B - USB-C to USB-Micro B 1 Meter, 15W

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