



RocketU 1344D

PCI-Express 3.0 x4 Host interface, 4x USB 10Gb/s Type-C Ports

Industry's Fastest 4-Port USB HBA: Up to 10G USB 3.2 Controller per Port!

The Industry's Fastest 4-Port USB HBA

The RocketU 1344D is the latest iteration of HighPoint's industry-leading 4-port USB HBA's, and provides four USB 3.2 ports.

Optimized for HighPerformance USB Storage Devices

The RocketU 1344D has been optimized for USB storage devices such as external drives, drive docks and drive enclosures. However, the four universal Type-C ports are fully capable of supporting USB 1.0/2.0/3.x peripherals and input devices such as printers & scanners, mice & trackballs or flash drives and card readers.

4x 10G USB 3.2 Type-C Ports

4x 1000MB/s Transfer Bandwidth

Each of the RocketU 1344D's four 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.

Built for Professional Data Acquisition Solutions

RocketU 1344D HBA can be easily integrated into workstation and server environments designed to host professional media and industrial applications. The four industry-standard Type-C USB ports and PCIe 3.0 x4 host interface can easily accommodate a wide range of high-speed data acquisition solutions, including imaging and capture solutions, security systems, and media archiving.

Feature Highlights

- 4 USB Type-C ports support any industry-standard USB device or peripheral
- 1000 MB/s of transfer bandwidth per USB port
- PCIe 3.0 x4 Host Interface
- Driverless Installation: Native xHCI Support
- Universal Compatibility

xHCI Compliant: Driverless installation

The RocketU 1344D 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, current distributions of Linux, and Virtual Machine Platforms such as VMware.

Universal Compatibility

RocketU 1344D HBA's can be installed into any computing platform with an industry-standard PCIe 3.0 or 4.0 x4, x8 or x16 slot. The four USB Type-C ports are fully compatible with 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.



Feature Specifications	
Host Bus Interface	4-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, USB 3.2 Gen 1 & USB 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	4x USB 3.2 Gen 2
Port Type	USB Vertical Type-C
Data Transfer Rates:	Up to 10Gb/s per port
Number of Devices	4x USB 1.x, 2.0, and 3.x compatible devices
USB port Ampere	1.5A output per port
Bus Powered Peripherals	Up to 7.5W per port for device operation or charging
External Power Support	Yes (6pin PCIe Power Connector)
USB Port Sharing	Shared: 2 USB ports are assigned to each USB controller (ASM3142)
Form Factor	Low-Profile
Dimensions	4.52"W x 2.72"H x 0.69"D
Weight	0.51 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: 1.4W (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	1x Low Profile Bracket

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