



RocketU 1144C: Unleashing the Next-Level of USB 3.0 Performance!

PCI-Express 2.0 Host Interface, Four USB 3.0 Ports

UAS takes Dedicated 5Gb/s per port Performance to the Next Level!

Introducing the RocketU 1144C:

Powered by four dedicated 5Gb/s controllers, a PCI-E 2.0x4 host interface and UAS (USB Attached SCSI) Protocol, HighPoint's RocketU 1144C is the industry's fastest USB 3.0 storage controller available for PC platforms.

The RocketU 1144C is optimized for today's fastest USB 3.0 devices, and is well suited for a wide-range of applications including portable & removable storage, storage expansion, personal media libraries, and backup solutions.

UAS Performance Boost

Maximizing the Performance Capability of USB 3.0 devices

RocketU HBA's can deliver even higher levels of performance when paired with UAS capable storage devices, such as RocketStor USB 3.0 Storage Docks. The speed and efficiency advantages provided by UAS technology are ideal for multi-tasking and performance-hungry applications.

UAS (USB Attached SCSI) is a computer protocol that is used to transfer data to and from USB storage devices. UAS is dependent on the USB protocol, and utilizes the standard SCSI command set.

UAS offers maximized bandwidth utilization, and can handle multiple data transfer requests simultaneously, unlike the slower queue system of BOT (Bulk Only Transport), which only provides single-task commands – each task must complete before the next begins. As a result, USB 3.0 connections working in UASP mode result in higher transfer speeds and lower CPU utilization. UAS clears data queues faster, which results in smoother-operating PC's.

The RocketU 1144C's UAS capabilities allow it to fully utilize the PCI-E 2.0 x4 host bus interface and deliver uncompromised transfer bandwidth for UAS capable devices such as USB 3.0 SSD's, hard drives, enclosures, and storage docks, such as HighPoint's RocketStor 4522.

New Compatibility Breakthrough: Supports all Industry Standard USB2.0/USB3.0 Devices!

The RocketU 1144C is an all-in-one, USB 3.0 connectivity solution for PC platforms.

In addition to high-performance storage devices, the next-generation USB 3.0 architecture supports industry standard USB 2.0 and 3.0 peripherals, such as device hubs, card readers and interface devices.

Feature Highlights

- 5Gb/s per-port Performance & UAS Performance Boost!
- PCI-Express 2.0 Host Interface
- 4 USB 3.0 type-A ports
- Support up to 4 external industry standard USB 3.0/2.0 devices
- Hot-Swap and Hot-Plug Support

The industry's best USB 3.0 upgrades for any Windows or Linux PC.

Each of the RocketU 1144C's 4 Type-A ports has been optimized for today's fastest USB 3.0 hard drives and SSD's. The RocketU 1144C is fully compliant with the xHCI specification, and is natively supported by Windows 8 and Linux distributions that utilize kernel v2.6.31.

The RocketU 1144C can be easily installed into any PCI-Express x4, x8, or x16 capable desktop and workstation PC.

RocketU Series Technical Specifications	
Product Model	RocketU 1144C
Data Transfer Rate	5Gb/s per USB 3.0 port
Number of Device Ports	4x USB 3.0
Host Bus Interface	PCI-Express 2.0 x4
Device Connector Type	USB 3.0 Type-A (female)
Number of Devices Supported	Up to 4 external industry standard USB 3.0/2.0 devices
Physical Form Factor	Full Height
Operating System Support	Windows Server 2012, Windows 8, 7 / Linux OS support with xHCI driver of Kernel v2.6.31 or later
Certification Approval	ROHS, FCC/CE, WEEE

RocketU Model	RocketU 1144C
Product Image	
Host Bus Interface	PCI-Express 2.0 x4
Number of Device Ports	4x USB 3.0
Connector Type	Type-A
Transfer Bandwidth	20 Gb/s
Form factor	Full Height
Retail Box Dimensions	7.76" L x 6.81" W x 1.18" H
Retail Box Weight	0.46 lbs.
UPC Code	643653114467
Kit Contents	RocketU Host Adapter, Software CD, Quick Installation Guide
Warranty	1 Year
Online Support	http://www.highpoint-tech.com/websupport/

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