



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

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

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