



RocketU 1144E

PCIe 2.0 x4 2x 5Gb/s USB 3.0 & 2x 6Gb/s eSATA Port Controller

Versatile Connectivity - 5Gb/s USB3.0 & 6Gb/s eSATA on Single HBA!

HighPoint RocketU 1144E:

The RocketU 1144E maximizes the performance potential of USB 3.0 and 6Gb/s SATA storage devices. The revolutionary, dedicated per-port performance architecture allows each storage device to take full advantage of the PCIe 2.0 x4 host interface. The dual 5Gb/s USB 3.0 ports support all industry standard USB 3.0 devices while the dual 6Gb/s eSATA ports are optimized for today's fastest SATA SSD's and high-capacity hard drives.

Versatile Connectivity - USB 3.0 & eSATA on a single HBA!

The RocketU 1144E supports represents the industry's most versatile 4-port HBA. With support for both USB 3.0 and eSATA devices, the RocketU 1144E is an ideal storage upgrade for any PCI-E capable PC.

Maximized Performance

The RocketU 1144E benefits from HighPoint's innovative per-port performance architecture. Each device port has a dedicated controller to ensure maximum performance for all SATA storage devices.

Unleashing the Next -Level of USB 3.0 Performance!

UAS (USB Attached SCSI) is a computer protocol that is used to transfer data to and from USB storage devices such as hard drives, solid state drives (SSDs) and thumb/flash drives. 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.

UAS combined with HighPoint's revolutionary per-port performance architecture, boosts transfer performance to new levels!

Feature Highlights

- PCI Express 2.0 x4
- Two USB 3.0 ports with Type A connectors (female)
- Two 6Gb/s eSATA Ports
- 20Gb/s transfer bandwidth
- Optimized for all USB 3.0 & eSATA storage devices
- Backwards compatible with USB 2.0 & 1.1, and eSATA 3Gb/s
- Hot-Swap and Hot-Plug
- Compliant with xHCI (Extensible Host Controller Interface) Specification v1.00
Thunderbolt™ Aware Enabled



RocketU 1144E Technical Specifications	
Host Bus Interface	4-lane, 5 GT/s PCI Express 2.0 Compliant
Interface Technology	Optimized for all USB 3.0 & eSATA storage devices; Backwards compatible with USB 3.0 & 2.0 & 1.1
Supported Standard	xHCI (eXtensible Host Controller Interface); UASP (USB attached SCSI protocol)
Apple M1 Platform Support	No
Operating System Support (Mac compatibility)	<ul style="list-style-type: none"> • Mac Pro5,1 or 7,1 • Mac OS X 10.8.3 and later • Support Intel chipset
Operating System Support (Windows compatibility)	<ul style="list-style-type: none"> • Compatible with PCIe slots • Windows 10, 8.1, 7 • Windows Server 2019, 2016, 2012, and 2008 (64-bit editions)
Operating System Support (Linux compatibility)	<ul style="list-style-type: none"> • Compatible with PCIe slots • Linux kernel v2.6.31+
Operating System Support (VMware ESXi compatibility)	N/A
Thunderbolt PCIe Expansion System Compatibility	Yes; Supports USB 3.x devices when card is installed in a Thunderbolt to PCIe Card Expansion System (Requires RS6661A)
Secure Boot (PC platforms)	Windows: Support Secure Boot Disable Linux: Support Secure Boot Disable
Number of Channel / Port	2x USB 3.0 ports / 2x 6Gb/s eSATA ports
Port Type	USB Type-A & eSATA ports
Data Transfer Rates	6Gb/s per eSATA Port and 5Gb/s Per USB 3.0 Port
Number of Devices	2x USB 1.x, 2.0, and 3.x compatible devices 2x eSATA storage devices
USB port Ampage	1.5A output per port
Bus Powered Peripherals	Up to 7.5W per port for device operation or charging
External Power Support	n/a
USB Port Sharing	Shared: 2 USB ports are assigned to each USB controller
Form Factor	Full-Height
Dimensions	3.78" L x 3.74" W x 0.3" H
Weight	0.37 lbs
Warranty	1 Year
Compliance Certification	CE, FCC, RoHS, REACH, WEEE
Storage Feature	
Bootable Drive support	No
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:
MTBF (Mean Time Before Failure)	920,585 Hours
Kit Contents	
Model	RocketU 1144E
Controller card	1x Controller card
1x Controller card	1x Quick Installation Guide
Software CD	1x Software CD

HighPoint Headquarters
 Phone 1-408-942-5800
 Fax 1-408-942-5801
 E-mail sales@highpoint-tech.com
 Website www.highpoint-tech.com
 Address 41650 Christy St. Fremont
 CA, 94538

