

Rocket EJ6172 Product Specification

HighPoint High Density SAS JBOD Solution

Rocket EJ6172 SAS JBOD Device Board : Direct-Connection and Cascade Storage Configurations

The HighPoint External SAS JBOD Storage Controller (Rocket EJ6172) is a SAS-JBOD Expander and system management device board designed for use with RocketRAID 2700 SAS/SATA 6Gb/s HBA's. The RocketEJ 6172 is an invaluable tool for the professional OEM/ODM Solution Provider, and can be integrated into a variety of rackmount and enclosure designs alongside Highpoint HBA's, to deliver cost-effective, robust high-density storage solutions.



HighPoint Chameleon RocketEJ 6172 + RocketRAID 2700 HBA's : Cost-Effective, Versatile, Host-to-Target Storage Solutions

RocketEJ 6172 device boards provide 7 internal Mini-SAS connectors (SFF-8087), and a two external Mini-SAS connectors (SFF-8088). Six of the internal ports host SATA/SAS devices while the seventh can be configured as either host (controller) or cascade (linked to another EJ device). Both external ports can connect the RocketEJ 6172 to the host RocketRAID 2700 HBA, or serve as expansion ports for cascade configurations.

Storage Management Suite

The Rocket EJ6172 is designed to work in conjunction with the RocketRAID 2700 series Web-Based management interface, and provides connectors for external temperature and voltage sensors, an audible alarm for error/warning conditions, LED connectors for the device ports and chassis components, and can host up to 4 cooling fans.

The RocketRAID 2700 Web GUI actively monitors the storage environment, and allows the administrator to set thresholds for a variety of attributes such as temperature and fan speed.

The optional LCD provides real-time status and warning information for quick, onsite troubleshooting.

Key Features

- SAS 6Gb/s Host and Target
- 6x SFF-8087 connectors support up to 24 HDD. 1x SFF-8087 for host/cascade
- Cascade Configurations up to 128 HDD
- 2x SFF-8088 for host/cascade
- RAID and non-RAID configurations
- Designed for use with RocketRAID 2700 SAS/SATA 6Gb/s HBA's
- Supports Windows, Linux, OS X

Enclosure Management Features

- 4 Internal Fan Ports
- Integrated Temperature Sensor with port for additional external sensor
- PSU status and Voltage Monitoring
- I2C support
- UART port (update/debug use)
- Port and Expander Device Status LED's
- LCD connector with optional Highpoint LCD
- Integrated Audible Alarm for status alert and device /component failure
- RocketEJ 6172 Power and Status LED front panel

Storage Management Suite

- Intuitive, user-friendly, web-browser interface
- Robust Non-RAID (JBOD) for Hot Plug and play and instant HDD access
- Advanced RAID Level support (0, 1, 5, 6, 10 and JBOD) for data protection and performance
- Environmental Monitoring and Alert System (SMTP, Buzzer, Temperature thresholds)

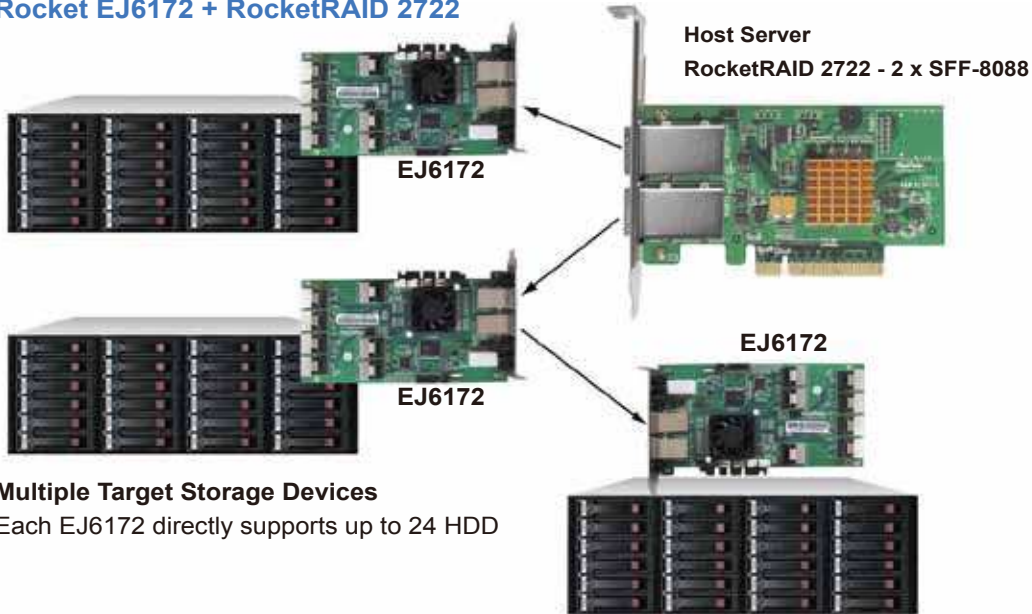
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HighPoint High Density 6Gb/s SAS Expander Solution

Rocket EJ6172 SAS 6Gb/s Expander Configurations

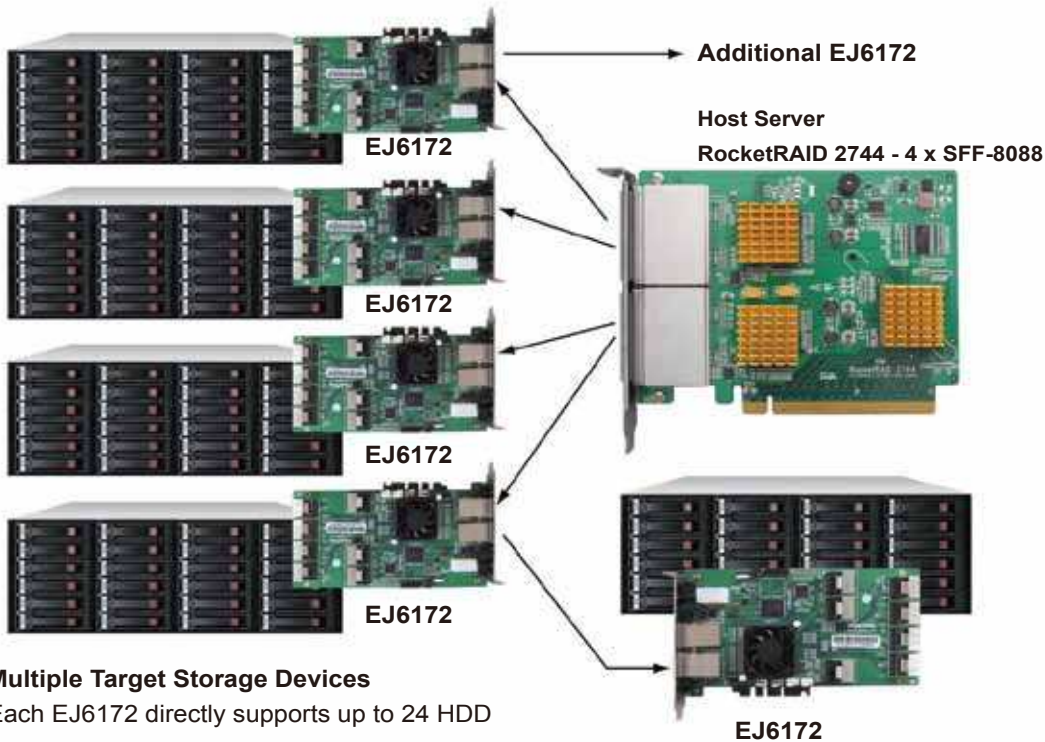
The Rocket EJ6172, when used in conjunction with RocketRAID 2700 HBA's, and can be configured into a wide range of storage configurations.

Rocket EJ6172 + RocketRAID 2722



Multiple Target Storage Devices
Each EJ6172 directly supports up to 24 HDD

Rocket EJ6172 + RocketRAID 2744



Multiple Target Storage Devices
Each EJ6172 directly supports up to 24 HDD

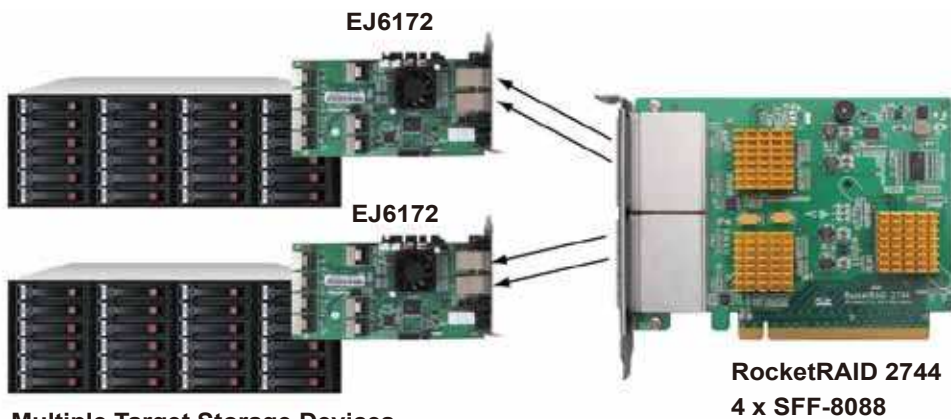
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HighPoint High Density 6Gb/s SAS Expander Solution

Rocket EJ6172 SAS 6Gb/s Expander Configurations

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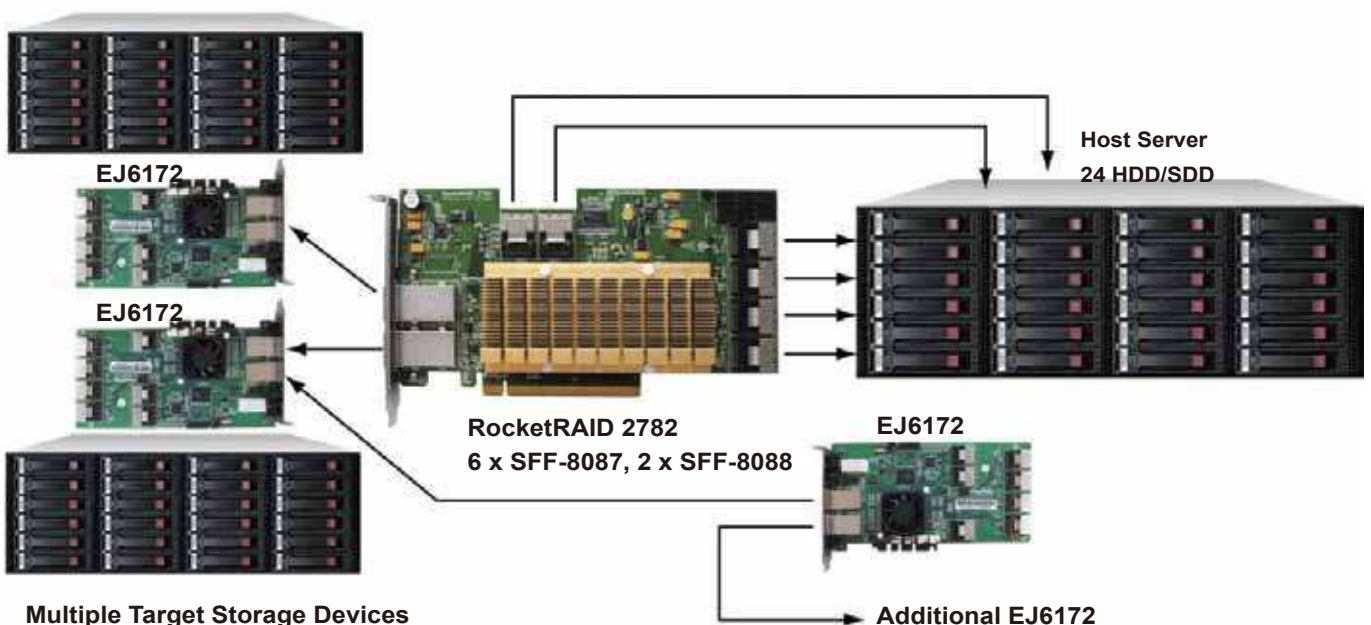
EJ6172 + RocketRAID 2782



Multiple Target Storage Devices

Each EJ6172 directly supports up to 24 HDD

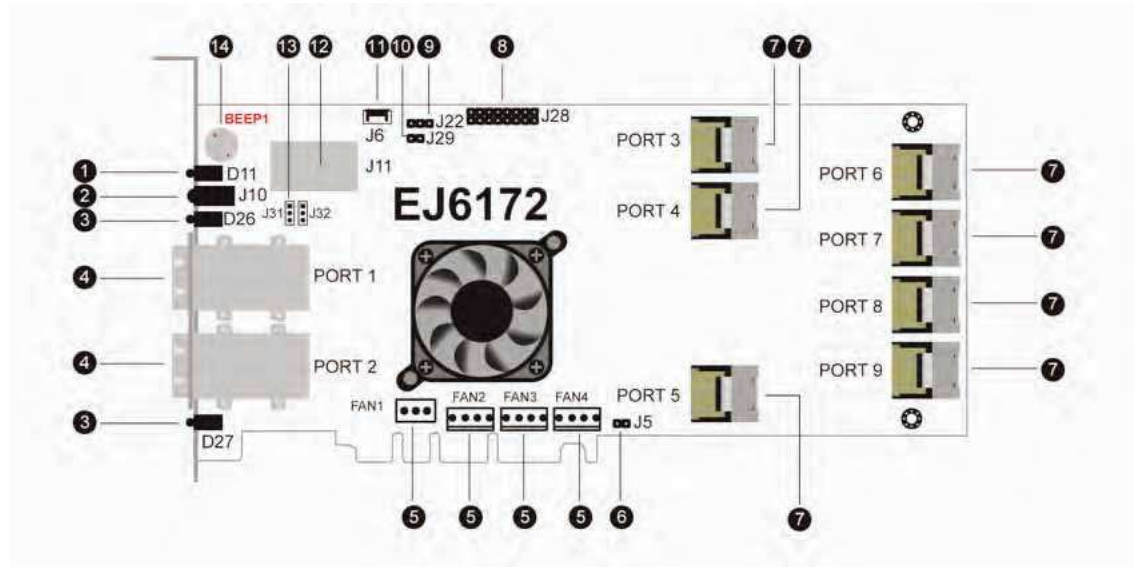
EJ6172 + RocketRAID 2782



Multiple Target Storage Devices

Each EJ6172 directly supports up to 24 HDD

Rocket EJ6172 Product Specification



Key Interface Descriptions

1	Expander Status LED	2	UART (update and debug use)
3	Port status LED	4	External Mini - SAS (SFF - 8088) port1 connect host port 2 connect cascade
5	Fan1 - Fan4	6	External TEMP Sensor
7	Internal Mini -SAS (SFF-8087 port5 connect) host and port3 to port9 connect device	8	J28 Enclosure service connector
9	I2C	10	PSU status INPUT
11	LCD Connector	12	Power (big 4-pin power connector)
13	Audio Jack (J31, J32)	14	Buzzer

About Us

HighPoint designs and manufactures a full spectrum of SAS and SATA HBA's with Management Solutions for Versatile Storage Applications. We are long recognized as an innovator of RAID HBA technology and have continuously developed cutting edge RAID solutions to satisfy the industry's evolving storage requirements. HighPoint is the SAS and SATA Storage Industry price leader for all OEM/ODM, SMB and Enterprise HBA's. HighPoint has a successful track record of delivering products to fortune 500 companies and global storage providers. HighPoint has regional sales offices and world-wide distribution networks to better serve customers locally. For more info please visit the HighPoint web site at www.highpoint-tech.com

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One Year limited warranty