

# Rocket EJ240 Product Specification

## HighPoint High Density SATA JBOD Solution

### Rocket EJ240 SATA JBOD Device Board : Quadruple the Storage Capacity of each Mini-SAS Port

The HighPoint Rocket EJ240 is a SATS-JBOD storage expansion and system management device board designed for use with RocketRAID 2700 SAS 6Gb/s HBA's. The Rocket EJ240 supports up to 16 devices from a single SFF-8088 connector, effectively quadrupling the storage capability of individual Mini-SAS ports. The Rocket EJ240 is ideal for low-cost, high-density storage applications

#### Key Features

- SATA 3Gb/s Host and Target
- Supports up to 16 SATA devices
- 4x SFF-8087 connectors
- 1x SFF-8088 connector for host
- RAID and non-RAID configurations
- Designed for use with RocketRAID 2700 SAS 6Gb/s HBA's
- Supports Windows, Linux, OS X

#### Enclosure Management Features

- 3 Internal Fan Ports
- Integrated Temperature Sensor with port for additional external sensor
- PSU status and Voltage Monitoring
- Device Status LED's
- Enclosure Status LED's (fan speed, power, temperature, voltage warnings)
- Integrated Audible Alarm for status alert and device /component failure
- Rocket EJ240 Power and Status LED front panel

### HighPoint Chameleon Rocket EJ240 + RocketRAID 2700 HBA's: Costs-Effective, High-Density Storage for Entry-Level Applications

Rocket EJ240 Device Boards support up to 16 SATA devices, quadrupling the port count of each SFF-8088 connector. Multiple EJ240 can be integrated into a single enclosure, providing a versatile, highly scalable platform for cost-effective, high-density storage solutions.

Rocket EJ240 device boards can be paired with a wide range of RocketRAID 2700 HBA's, in order to deliver storage solutions that meet client's exact specifications.

#### 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)

### Chameleon Storage Management Suites

HighPoint's Chameleon Storage Management Suite allows administrators to quickly and easily configure available devices into single-disk, JBOD and RAID configurations. A real-time event log records administrative actions and error/warning conditions issued for all hosted storage devices. Email notification and alert services to keep abreast of changing storage conditions.

The Chameleon Storage Management suite also includes a selection of real-time enclosure monitoring services, which report the status of critical chassis components and environmental conditions. Administrators can monitor the status of power supply units, voltage and the ambient temperature of storage enclosures. Administrators can establish thresholds and enable warning systems to match the specific needs of each storage configuration, and adjust fan speeds in order to maintain stable operating conditions.

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### Rocket EJ240 SATA-JBOD Configurations

The Rocket EJ240 can be deployed alongside RocketRAID 2700 host adapters to support a variety of storage configurations.

#### EJ240 + RocketRAID 2711

RocketRAID 2711  
1 x SFF-8088

EJ240

1

#### Target Storage Device

A single EJ240 allows the RocketRAID 2711 to support up to 16 HDD

#### Rocket EJ240 + RocketRAID 2744

EJ240

EJ240

RocketRAID 2744  
4 x SFF-8088

EJ240

EJ240

#### 4 Target Storage Devices

4 EJ240 's allow the RocketRAID 2744 to support up to 64 HDD

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### Rocket EJ240 SATA-JBOD Configurations

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#### EJ240 + RocketRAID 2722

EJ240

RocketRAID 2722  
2 x SFF-8088

EJ240

#### Two Target Storage Devices

2 EJ240's allow the RocketRAID 2722 to support up to 32 HDD

#### Rocket EJ240 + RocketRAID 2782

Host Server  
24 Internal HDD

EJ240

EJ240

RocketRAID 2782  
2 x SFF-8088, 6 x SFF-8087

#### Two Target Storage Devices + 24 Internal HDD

2 EJ240's allow the RocketRAID 2782 to support an additional 32 HDD, for a total of 56 HDD

# Rocket EJ240 Product Specification

Key Component Descriptions			
1	POWER (Floppy drive power connector)	8	External TEMP SENSOR connector
2-4	FAN1-FAN3(3-pin FAN connector)	9	LCD connector (For future use)
5	FAULT LED connectors	10	Status LED (Board PWR and HDD_FLT)
6	Internal Mini-SAS (SFF-8087)	11	Beeper
7	Enclosure status LEDs connector Power LED; Fail LED (fan; temp, power, voltage Below); Power TTL input)	12	External Mini-SAS (SFF-8088)

## 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](http://www.highpoint-tech.com)

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