

**TRENTON  
SYSTEMS**  
Computers

**3MAG JBOD**  
All-Flash Array



## 24 NVME SSDs | 3 MAGAZINES | 8 DRIVES PER MAGAZINE

27.2GB/s read/write speeds & as much local storage today's SSDs can handle

### Read/Write to 8 drives **SIMULTANEOUSLY**

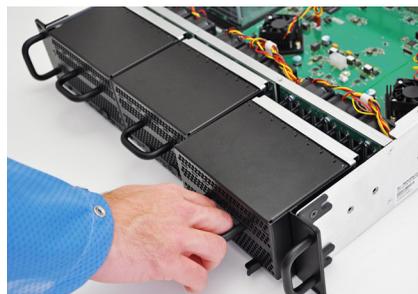
All eight drives run independently of each other with their own native PCIe path to the CPUs. Ideal setup when a lot of data is needed very quickly. Talk about low latency!

## PRODUCT DETAILS



### Short-depth & Lightweight

Much lighter yet more rugged than any solution on the market. SWaP optimized for field-deployment.



### Tool-less Easy Swap

Replace & secure your drives lightning fast with drive magazines that hold 8 drives at once.



### Host Agnostic

Flexible to work with any host(s) unlike a standard JBOD server. Don't get locked into your supplier's motherboard.



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## 24 INDIVIDUALLY-REMOVABLE NVMe DRIVES

Same crazy-fast 27.2GB/s throughput with individually-accessible NVMe SSDs

### Read/Write to all drives **SIMULTANEOUSLY**

Native end-to-end PCIe paths to the CPUs. The 24EVO was designed with our commercial and industrial clientele which needed a standard JBOD array. You can easily connect it to any host and expand your storage capabilities with ease.

## PRODUCT DETAILS



### Short-depth & Lightweight

The chassis remains at 16.2" deep and it's still very light - even fully loaded. A perfect addition to any server.



### Tool-less Easy Swap

Replace & secure your drives lightning fast with the flip of a switch and a press of a button.



### Host Agnostic

No need to purchase another server with drives, simply connect the 24EVO to your host(s) and call it a day.



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**Model Numbers**

RSC2403 (3MAG); RSC2424 (24EVO)

**Rack Height**

2U

**Max Drives**

- 24 x U.2 NVMe - up to 15mm height; OR
- 3MAG: 3 magazines (each housing 8 SSDs) for fast MTTR - *individual drives are removable from the magazines*
- Each drive comes with a full x4 Gen3 uplink to a switch
- 25W per drive

**Drive Interface**

U.2 SFF-8639

**LED Indicators**

Drive LEDs - Fault | Locate | Activity

**Host Interface**

Industry standard x16 PCIe Gen3 Uplink Card

**PCIe Switch Board**

- 2 x PEX 9765 each supporting two PCIe Gen3 8x uplinks
- Supports 1+1 host failover in both transparent and non-transparent modes
- Operational configuration controllable via integrated baseband controller

**Power Supply**

900W AC/DC - Removable

**I/O Capability****Rear:**

- 8 x SFF-8644 connectors (32 total lanes)
- 2 GbE Ethernet 10/100/1000 (management)
- 4x DIP switches for high-availability/high-performance configuration purposes

**System Cooling**

- 9 x 40mm fans
- 3 fan modules per magazine - attached to the chassis, front-to-rear system cooling
- Fan speed control via system management interface

**Environmental**

- Operating Temperature: 0 to 45°C
- Humidity: 5 to 90%, non-condensing
- Operating Altitude: 10,000ft
- Shock & Vibe: 20G Shock, 1GRMS Vibration

**Dimensions**

19.0" (W) 3.5" (H) x 16.2" (D)

48.26cm (W) 8.89cm (H) x 41.15cm (D)

**Weight**

20-25lbs. (without drives)

**Compliance Standards**

RoHS Certified (additional certifications pending)



# BLOCK DIAGRAM

# JBOD SYSTEM

