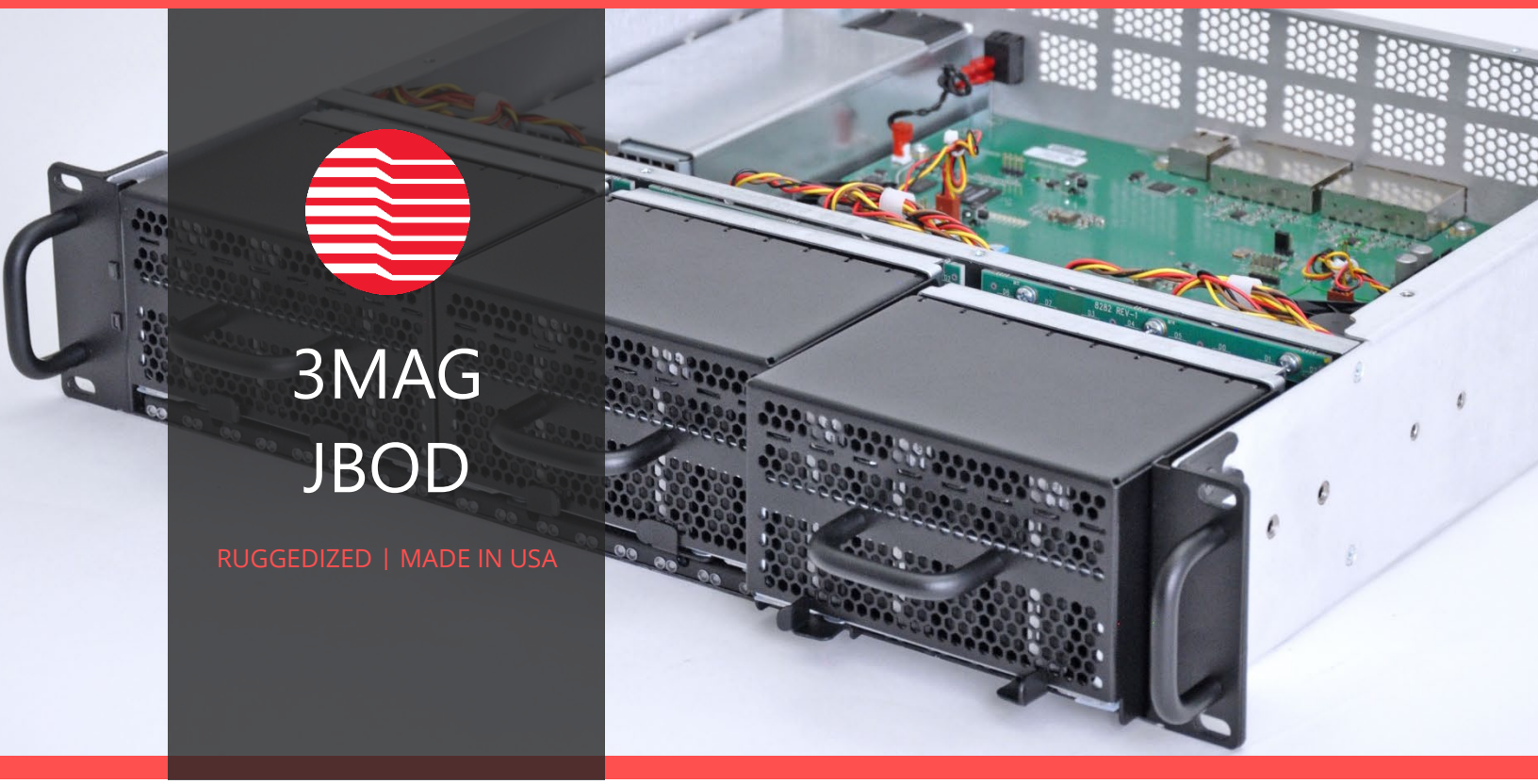


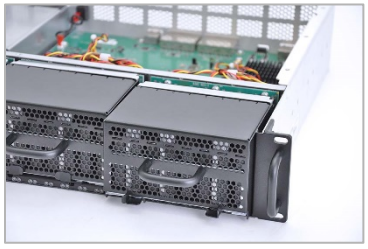
3MAG JBOD

RUGGEDIZED | MADE IN USA

Manage Your Data Easily & Quickly

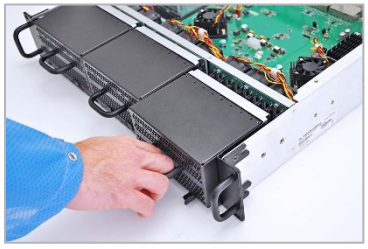
The 2U 3MAG JBOD All-Flash Array consolidates 24 NVMe SSDs into three easily accessible front-removable magazines, or 8 SSDs per magazine. Achieve extraordinary 27.2GB/s read and write speeds and as much local storage as today's SSDs can handle.

PRODUCT HIGHLIGHTS



Capacity: Limitless

Equip your program or application with all the drive capacity it will ever need.



Tool-Less Swapping

Replace and secure your drives quickly with easily removeable magazines.

Host-Agnostic

Flexible and interchangeable single-board computers, unlike standard JBOD solutions.

MODEL NUMBER
RSC2403

RACK HEIGHT
2U

MAX DRIVES
- 24x U.2 NVMe, up to 15mm height
- Each drive comes with a full x4 PCIe Gen 3 uplink to a switch
- 25W per drive

DRIVE INTERFACE
U.2 SFF-8639

LED INDICATORS
Drive LEDs: Fault, Locate, and Activity

HOST INTERFACE
Industry standard x16 PCIe Gen 3 uplink card

PCIE SWITCH BOARD
- 2x PEX 9765, each supporting two PCIe Gen 3 x8 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:
- 8x 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
- 9x 40mm fans
- 3 fan modules per magazine – attached to the chassis, front-to-rear system cooling
- Fan speed control via system management interface

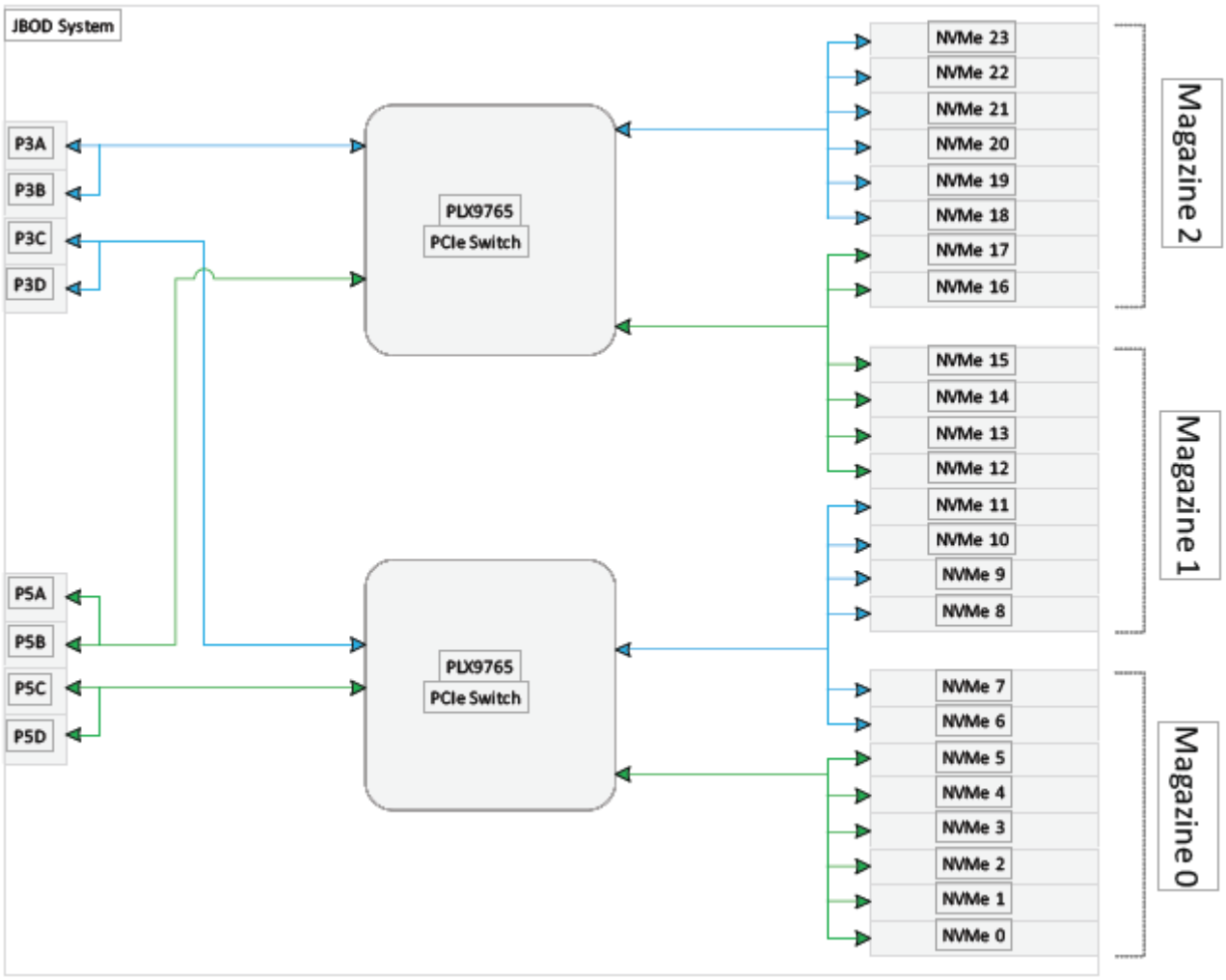
ENVIRONMENTAL
- Operating temperature: 0-45°C
- Humidity: 5-90 percent, non-condensing
- Operating altitude: 10,000 feet
- Shock & vibration: 20G Shock, 1GRMS Vibration
- MIL-STD-810F, Method 516.5-8 Flight Equipment (20G)
- MIL-STD-810G, Method 514.6, Cat. 1 (1.2G peak between 10-500Hz
- Number of insertions: 500

DIMENSIONS
19.0“ (W) 3.5“ (H) x 16.2” (D)
48.26cm (W) 8.89cm (H) x 41.15cm (D)

WEIGHT
20-25 lbs. (without drives)

COMPLIANCE STANDARDS
RoHS-certified (additional certifications pending)

BLOCK DIAGRAM



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