Euclid™

2U NVMeoF JBOF

Euclid is an all flash array NVMe over Fabric (NVMeoF) system in a 2U enclosure, supporting 24 2.5" dual port NVMe drives. Euclid is a high performance solution, delivering low latency and high availability.

FEATURES

All flash array, NVMe technology

2U rack mount enclosure

Up to 24 2.5" NVMe SSDs supported
• Dual port, x2 + x2 PCIe lanes for each SSD

Dual Canister to support 1+1 redundant

Planned Canister SKUs
• Base canister with no COMe/Card
• COMe + Mellanox CX5 RNIC
• Single Broadcom Stingray
• Dual Broadcom Stingray
• Single Mellanox Bluefield

Fabric Interface:
• Up to four 100Gb Ethernet ports per system
• Up to four PCIe slots per system
• Support RoCE v2

BMC (AST2500)
• Supports IPMI
• KVM and Virtual Media
• Supports Remote Boot

Enclosure Management
• PCIe In-band Management Interface
• Enclosure Health Monitor
• Enclosure Cooling Control
• System Event Log
• On-line Firmware Update

Hot-Swappable Canisters, PSUs and SSDs

POWER AND COOLING

900W/1200W, 80 plus Platinum, 1+1 redundant, hot swap PSU

89-264V AC input, auto ranging, 47~63Hz

Four high-performance fan modules integrated in each PSU providing front to rear system cooling

Fan speed control by system software

PHYSICAL DIMENSIONS

Height: 87.4 mm (3.44")

Width: 446 mm (17.56")

Depth: 536 mm (21.10")

ENVIRONMENTAL

Operating Temperature: 5°C to 35°C

Non-Operating Temperature: -40°C to 60°C

Humidity: 8% to 85% RH

Operating Altitude: 950 m

Acoustic: (23+/-2ºC) <6.6 Bels

APPROVALS

EMC: EN 55032 Class A, EN55024, EN 61000-3-2, EN 61000-3-3, FCC part 15 Class, VCCI Class A, ICES-003 Class A, GB9254 Class A,

Safety: IEC/EN/UL/CSA 60950-1, GB4943

Environment: RoHS

Note: All specifications and figures are subject to change without prior notice.

Enterprise-Class Quality. Cloud Economics.

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