

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+/-2°C) <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.



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