

Scalable, Ultra Low Latency JBOF

Disaggregated, High-Performance Mass Storage Optimized for AI Workloads

Key Features

- › 2U DC-MHS 19" form factor in a rack-ready design
- › 24x U.2/U.3 NVMe SSD drives
- › PCIe direct connect or NVMe™ oF (DPU) options
- › Astera Labs®/ Broadcom® PCIe Gen6 switch
- › Hot-swappable
- › TPM 2.0 module for security
- › 1 x NVIDIA® BlueField®-3 DPU

Specifications

Dimensions	2U (W438 x H87 x D770 mm)
Chipset	System on Chip (PEX89144 PCIE Switch)
LAN	1 x NVIDIA BlueField®-3 DPU
Storage	Front Hot-swappable 24x U.2/U.3 NVMe Drive
GPU	N/A
Thermal Solution	Air Cooled
PCIe Expansion	2x additional PCIe Gen5 x16 expansion slots
I/O Ports	Front Side: Power Button ID Button Reset Button Rear Side: DC-SCM: USB 3.1 Compliant Type A, USB Type C (UART), RJ45 LAN, PWR Button NVIDIA BlueField®-3: Management LAN Ports

Backplane	Internal: 3x 8-Bay U.2/U.3 Backplane
TPM	(Optional) TPM2.0
Power Supply	12Vout@ 11-220VAC 1+1 1600W Redundant Titanium Power Supplies CRPS/MCRPS Supported
System Management	Hyve DC-SCM 2.1 Solution Aspeed AST2600 Management + AST1060 Rot Solutions
System Fan	Hot-swappable FANs 6x 6056
Operation Properties	10 ~ 35 degree C



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