



Hyve JBOF:

Scalable, Ultra Low Latency

Disaggregated, High-Performance Mass Storage Optimized for AI Workloads Key

Scale NVMe capacity without adding compute. A 2U, rack-ready JBOF supports 24 hot-swappable U.2/U.3 drives, PCIe Gen5 switching, and PCIe or NVMe-oF connectivity options with BlueField®-3 DPU support.

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 Gen5 switch
- Hot-swappable
- TPM 2.0 module for security
- 1 x NVIDIA® BlueField®-3 DPU

System Specifications

Dimensions	2U (W438 x H87 x D770 mm)	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
Chipset	System on Chip (PEX89144 PCIe Switch)	System Management	Hyve DC-SCM 2.1 Solution Aspeed AST2600 Management + AST1060 Rot Solutions
LAN	1 x NVIDIA BlueField®-3 DPU	System Fan	Hot-swappable FANs 6x 6056
Storage	Front Hot-swappable 24x U.2/U.3 NVMe Drive	Operation Properties	10 ~ 35 degree C
GPU	N/A		
Thermal Solution	Air Cooled		
PCIe Expansion	2x additional PCIe Gen5 x16 expansion slots		
Backplane	Internal: 3x 8-Bay U.2/U.3 Backplane		
TPM	(Optional) TPM2.0		
Power Supply	12V @ 11-220VAC 1+1 1600W Redundant Titanium Power Supplies CRPS/MCRPS Supported		