

Hyve Solutions Atlas™

Ultra-high Density Mass Storage Server

A 10U GPU platform built for AI training and inference with NVIDIA® HGX™ B200/B300 support. Hyve Orion™ offers JBOG or monolithic configurations, optimized for air or direct liquid cooling, with Intel®/AMD head-node compatibility and PCIe Gen5 expansion.

Key Features

- 5U Form Factor with 112 x 3.5”, SAS / SATA3 HDDs
- RVI Optimized Design for Stable Performance
- Single Intel Xeon® 6, 6700-Series CPU
- 16x RDIMM 6400MT/s DDR5, 64GB, 2DPC
- 2x 12V 3600W / 2x 12V CRPS 3200W Titanium Power Supply Unit

System Specifications

Dimensions	19” 5-RU (W435 x H220 x D1030 mm)
Motherboard	Hyve Designed MB HS9124, Intel Xeon 6 1S, M-SDNO A305
Weight	315lbs (Fully Populated)
CPU	Intel Xeon 6, 6700-Series
Socket	E2, LGA-4710
Chipset	System on Chip
Memory	16x RDIMM 6400MT/s DDR5, 64GB, 2DPC Supported
LAN	1x 1G R45 for Management
Storage	112 x 3.5 SAS / SATA3 HDDs
Thermal Solution	Air Cooled

I/O Ports	**Front Side:** 1x Power Button, 1x Reset Button, 1x Power Status LED, 1x System Healthy LED **Rear Side:** DC-SCM: USB 3.1 Compliant Type A, USB Type C (UART), RJ45 LAN, PWR Button, 1x mini-DP R/G/B LEDs: Tri-color, System Status
Backplane	4x 28 Bays 3.5” Supported
TPM	TPM2.0 SLB 9672 SPI I/F
Power Supply	2x 12V 3600W / 2x 12V 3200W CRPS
System Management	DC-MHS Aspeed AST 2600
System Fan	7x 4046 FANs, 8x 8056 FANs
Operation Properties	5^{0}~40^{0}, 8–90% Non-Condensing; 28C Max Wet Bulb

sales@hyvesolutions.com

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