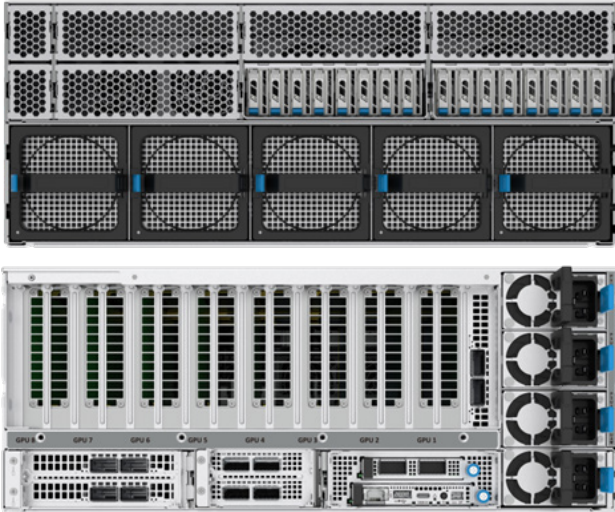


Inference Platform with NVIDIA® RTX PRO™

Key Features



- › 8x NVIDIA RTX PRO™ 6000/4500 Blackwell
- › 4U MGX form factor with Astera Lab® Gen6 switch or ConnectX-8 SuperNIC switch (optional)
- › 1 x NVIDIA BlueField®-3 DPU
- › Hyve-designed 2S MB (Intel® and AMD® compatible)
- › 32x RDIMM 6400MT/s DDR5, 64GB, 2DPC
- › 1x E1.S PCIe Gen4 x2, 9.5mm Boot Drive
- › 16x E1.S PCIe Gen5 x4, 9.5/15mm Hot-swappable Data Storage Bays
- › 3+1x CRPS/M-CRPS, up to 3.6KW Titanium Power Supply Unit
- › Up to 5x HHHL cards supported

Specifications

Dimensions 19" 4U (W438 x H175 x D800 mm)

Motherboard HS9224, Intel® Xeon® 6 2S
HS9225, AMD® EPYC™

CPU Intel® Xeon® 6, 6700-series
AMD® EPYC™

Socket 2S

Memory 32x RDIMM 6400MT/s DDR5, 64GB, 2DPC supported

LAN 1x 1G R45 for management

Storage 1x E1.S PCIe Gen4 x2, 9.5mm (Boot)
16x E1.S PCIe Gen5 x4, 9.5/15mm (Data)

GPU 8x RTX PRO 6000/4500 Server Edition

Thermal Solution Air cooled

PCIe Expansion 1x FHFL + 5x HHHL support for the following:
• 1x OCPv3 SFF supported (optional)
• 1x DPU, NVIDIA BlueField®-3
• Up to 5 x CX8 SmartNIC HHHL supported

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 2x 8 bays E1.S PCIe Gen4/5 x4

TPM TPM2.0 SLB 9672 SPI I/F

Power Supply 4x CRPS/M-CRPS PSU, up to 3.6KW each

System Management DC-MHS Atspeed AST 2600

System Fan 10x 8080 FANs

Operation Properties 10 ~ 35 degree C



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