HP201-AD



Key Features :

- 2U 4x AIC Aidos base E5 server node
- 24x2.5" NVMe/SAS hybrid drives(6 per node)
  -4xNVMe+2xSAS/SATA
  -6xSAS/SATA
- 1x low-profile(HHHL) card per node
- 1600W/2000W Hot-Swappable 1+1 redundant PSU

• REAR VIEW •



SPECIFICATIONS

Dimensions (W x D x H)
mm : 435 x 850 x 88

Motherboard (per node)
AIC Server Board Aidos

Processor (per node)
- Processor Support : Intel® Xeon® Processors E5-2600 v3/v4 Product Family (Recommends 84W)
- QPI Speeds : 9.6 GT/s, 8 GT/s, 7.2 GT/s
- Socket Type : Socket R3 (FCLGA2011-3)

Chipset Support (per node)
Intel® C612 Chipset

System Memory (per node)
- 4 memory channels per CPU socket (2DPC)
- 16 DIMM slots support:
- 512GB DDR4 2133/1866 RDIMM DRx4
- 128GB DDR4 2133/1866 RDIMM SRx4
- 1024GB DDR4 2133/1866 LRDIMM QRx4
- 2048GB DDR4 2133/1866 LRDIMM 3DS 8Rx4
- Supports NVDIMMs

Network controller (per node)
- Mellanox MT27528 dual port 10GbE SFP+
- Intel® Ethernet Controller I350-AM2, dual port, PCIe 2.0 (optional)

Rear IO (per node)
- 2 x 10GbE SFP+ connectors
- 2 x RJ45 connectors
- 1 x DB-15 connector
- Power on/off
- System reset
- System ID
- 2 x USB 3.0 connectors

BMC (per node)
IPMI :
Aspeed AST2400 Advanced PCIe Graphics & Remote Management Processor
- Baseboard Management Controller
- Intelligent Platform Interface 2.0 (IPMI 2.0) iKVM, Media Redirection, IPMI over LAN, Serial over LAN
- SMASH Support

Realtek RTL8201EL single port 10/100 Mbps Ethernet PHYceiver for dedicated BMC management port

Graphics :
Aspeed AST2400 Advanced PCIe Graphics & Remote Management Processor PCIe VGA/2D Controller
- 1920x1200@60Hz 32bpp

LEDs (per node)
- Power
- System ID
- Alert

Drive Bays (per node)
6 x 2.5" hot swap (up to 4x NVMe or 6x SAS/SATA)

Expansion Slots (per node)
- 1 x PCIe X8 slot
- 4 x PCIe X4 in SFF-8643 connectors

System BIOS (per node)
BIOS Type :
- Insyde UEFI BIOS
- SPI FLASH Interface

BIOS Features :
- ACPI
- PXE
- WOL
- AC loss recovery
- IPMI 2.0 KCS interface
- SMBIOS
- Serial console redirection
- BIOS Boot Specification
- BIOS Recovery Mode
- SRIOV
- PCIe Hotplug
- iSCSI
- TPM

Power Supply
1600W/2000W 1+1 Redundant PSU

System Cooling
3x4056 dual rotor fans

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