

H230-R4C

High Density Server - DP 2U 4 Nodes Server



Features

- 2U - 4 nodes with rear access to the node trays
- Intel® Xeon® processor E5-2600 V3 / V4 product family
- 8 x LGA 2011-3 sockets
- 4-Channel RDIMM/LRDIMM DDR4, 32 x DIMMs
- 8 x GbE LAN ports
- 4 x Dedicated management ports
- 1 x CMC global management port
- 12 x 3.5" hot-swappable HDD/SSD bays
- 4 x Low profile PCIe Gen3 x16 slots
- 4 x PCIe Gen3 x8 mezzanine slots
- Aspeed® AST2400 management controller
- 2+0 1600W 80 PLUS Platinum power supply

Specification

Dimensions (WxHxD)	2U 448 x 87 x 820 mm	Front I/O	Per node: 1 x Power button with LED, 1 x ID button with LED, 1 x Status LED Total: 4 x Power button with LED, 4 x ID button with LED, 4 x Status LED, 1 x CMC status LED
Motherboard	MH50-HD1	Rear I/O	Per node: 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x RJ45 MLAN, 1 x ID button with LED Total: 8 x USB 3.0, 4 x VGA, 8 x RJ45, 4 x RJ45 MLAN, 4 x ID button with LED, 1 x CMC MLAN
CPU	Intel® Xeon® E5-2600 V3 processors Intel® Xeon® E5-2600 V4 processors NOTE: If only 1 CPU is installed, some PCIe, memory, I/O functions might be unavailable.	Backplane I/O	12 x SAS/SATA ports, 12Gb/s & 6Gb/s compatible
Socket	8 x LGA 2011-3	TPM	1 x TPM header
Chipset	Intel® C612	Power Supply	2 x 1600W redundant PSU, 80 PLUS Platinum
Memory	Per node: 8 x DIMM slots / Total: 32 x DIMM slots 4-channel memory architecture RDIMM modules up to 32GB supported LRDIMM modules up to 64GB supported 3DS LRDIMM modules up to 128GB supported 1.2V modules: 1600/1866/2133/2400 MHz	System Management	Aspeed® AST2400 management controller Avocent® MergePoint IPMI 2.0 web interface
LAN	Total: 8 x GbE LAN ports (Intel® I350-AM2) 4 x Dedicated management ports 1 x 10/100/1000 *CMC global management port * CMC: Chassis Management Controller, to monitor all status of computing nodes	OS Compatibility	Windows Server 2008 R2 / 2012 / 2012 R2 / 2016 RHEL 6.7 (x64) / 7.2 (x64) SLES 11.4 (x86/x64) / 12 (x64) Ubuntu 12.04 LTS (x86/x64) / 14.04 LTS (x86/x64) VMware ESXi 5.1 U2 / 5.5 U2 / 6.0 U1
Video	Integrated in Aspeed® AST2400 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp Management chip in CMC board: Integrated in Aspeed® AST1050	Weight	35 kg (full packaging)
Storage	Total: 12 x 3.5" hot-swappable HDD/SSD bays	System Fans	4 x 80x80x38mm (16'300rpm)
RAID	Intel® SATA RAID 0/1/5/10	Operating Properties	Operating temperature: 5°C to 35°C Non-operating temperature: 0°C to 40°C 10-80% operating humidity at 30°C
Expansion Slots	Total: 4 x low-profile slots with PCIe x16 (Gen3 x16) connectors 4 x Mezzanine PCIe x8 (Gen3 x8 bus) connectors 4 x M.2 slot (Gen3 x4) - NGFF-2242/2260/2280, M-Key	Packaging Dimensions	1167 X 700 X 309 mm
Internal I/O	Per node: 1 x COM header, 1 x TPM header, 1 x BMC SGPIO header, 1 x JTAG BMC header, 1 x PLD header, 1 x PMBUS header, 1 x PMBUS selection jumper, 1 x BMC FRB jumper, 1 x Clear CMOS jumper, 1 x Power on selection jumper, 1 x ACK selection jumper, 1 x IPMB connector	Packaging Content	1 x H230-R4G, 8 x CPU heatsinks, 1 x Quick start guide, 1 x Rail Kit
		Reference Numbers	Barebone package: 6NH230R4CMR-00 - Power Supply: 25EP0-216005-C1S - Tool-less rail kit: 25HB2-NJ2102-N1R - CMC daisy chain kit: 6NH23NR48SR-00-100

* All specifications are subject to change without notice. Please visit our website for the latest information.

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