

Hyper A+ Server AS -2015HS-TNR

2U UP Hyper with 12 hot-swap 3.5" drive bays and up to 8 PCIe 5.0 slots



More details here

Key Applications

Virtualization, Software-defined Storage, AI Inference and Machine Learning, Cloud Computing, Enterprise Server,

Key Features

- Single 4th Generation AMD EPYC™ 9004 Series Processor;
- 24 DIMM (2 DPC) Up to 6TB ECC DDR5 RDIMM with single CPU;
- Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible)
Configuration Options for up to; 4 PCIe 5.0 x16 Slots OR; 8 PCIe 5.0 x8 Slots or; 3 PCIe 5.0 x16 Slots + 2 PCIe 5.0 x8 Slots or; 2 PCIe 5.0 x16 Slots + 4 PCIe 5.0 x8 Slots or; 1 PCIe 5.0 x16 Slots + 6 PCIe 5.0 x8 Slots;
- 1200W Redundant Power Supplies (Titanium Level)
Optional Configuration: 1300W Redundant DC Power Supplies; (*Full redundancy based on configuration and application load);
- 2 On-board NVMe M.2 slots; 1x PCIe 3.0 x4, 1x PCIe 3.0 x2; 80mm/110mm (Boot);
- Support up to 4 GPUs;



Form Factor	2U Rackmount Enclosure: 437 x 88.9 x 803mm (17.2" x 3.5" x 31.6") Package: 605 x 263 x 1107mm (23.8" x 10.4" x 43.6")
Processor	Single Socket SP5 AMD EPYC™ 9004 Series Processors Up to 128C/256T
GPU	Max GPU Count: Up to 4 double-width GPU(s) Supported GPU: NVIDIA PCIe: RTX A6000, RTX 6000 Ada Generation, L40S CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect GPU-GPU Interconnect: PCIe
System Memory	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM Max Memory (2DPC): Up to 6TB 4000MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 12 bay(s) <ul style="list-style-type: none"> • 12 front hot-swap 3.5"/2.5" NVMe*/SAS*/SATA* drive bay(s) (*NVMe/SAS/SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 1 M.2 PCIe 3.0 x4 NVMe slot(s) (M-key 22110(default)/2280) 1 M.2 PCIe 3.0 x2 NVMe slot(s) (M-key 22110(default)/2280)
Expansion Slots	Default <ul style="list-style-type: none"> • 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible) Option A* <ul style="list-style-type: none"> • 1 PCIe 5.0 x16 (in x16) FHFL double-width slot(s) • 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible) Option B* <ul style="list-style-type: none"> • 2 PCIe 5.0 x8 (in x16) FHFL slot(s) • 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible) Option C* <ul style="list-style-type: none"> • 2 PCIe 5.0 x16 (in x16) FHFL double-width slot(s) • 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible) Option D* <ul style="list-style-type: none"> • 1 PCIe 5.0 x16 (in x16) FHFL double-width slot(s) • 2 PCIe 5.0 x8 (in x16) FHFL slot(s) • 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible) Option E* <ul style="list-style-type: none"> • 4 PCIe 5.0 x8 (in x16) FHFL slot(s)

- 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible)

Option F*

- 4 PCIe 5.0 x16 (in x16) FHFL double-width slot(s)
- 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible)

Option G*

- 3 PCIe 5.0 x16 (in x16) FHFL double-width slot(s)
- 2 PCIe 5.0 x8 (in x16) FHFL slot(s)
- 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible)

Option H*

- 2 PCIe 5.0 x16 (in x16) FHFL double-width slot(s)
- 4 PCIe 5.0 x8 (in x16) FHFL slot(s)
- 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible)

Option I*

- 1 PCIe 5.0 x16 (in x16) FHFL double-width slot(s)
- 6 PCIe 5.0 x8 (in x16) FHFL slot(s)
- 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible)

On-Board Devices

Chipset: System on Chip
Network Connectivity: Via AIOM

Input / Output

LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s)
USB: 2 USB 3.0 port(s) (rear)
Video: 1 VGA port(s)
