

RZ1 | R163-Z34-AAH1

Let Hyperscalers meet your bespoke requirements.

Start customizing your RZ1 | R163-Z34-AAH1 today!

- ✓ Single AMD EPYC™ 9005/9004 Series Processors
- ✓ 12-Channel DDR5 RDIMM, 12 x DIMMs
- ✓ Dual ROM Architecture
- ✓ 1 x 1Gb/s LAN port via Intel® I210-AT
- ✓ 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- ✓ 1 x M.2 slot with PCIe Gen3 x4 interface
- ✓ 2 x FHHL PCIe Gen5 x16 slots
- ✓ 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- ✓ 1+1 1300W 80 PLUS Titanium redundant power supplies

About Hyperscalers



**World's First Open
OEM**



**Free Of Proprietary
Software Lock-Ins**



**Free Of Proprietary
Hardware Lock-Ins**



US Stock



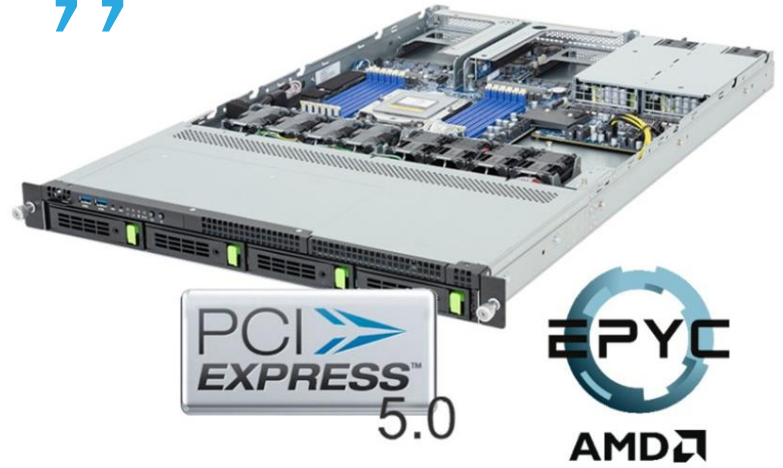
Full US
Warranty



100%
Channel
Distributor

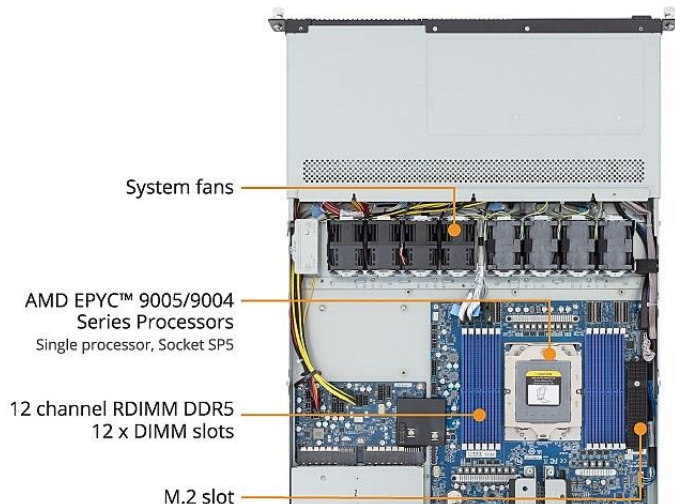
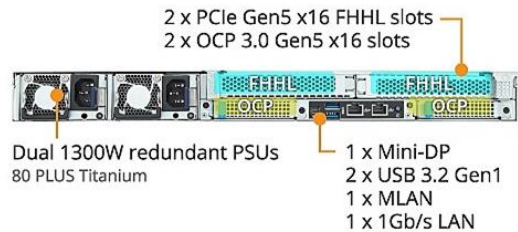
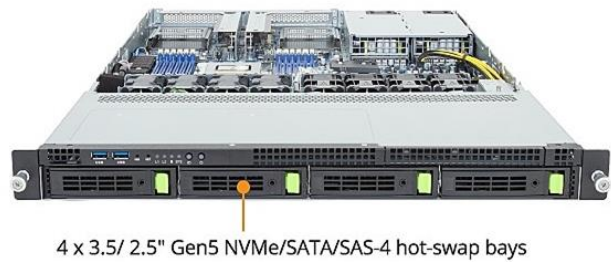


Metro
Delivery 1-4
Days



5th Gen AMD EPYC™ 9005 Series for SP5 Socket

The AMD EPYC™ 9005 series, for the SP5 socket, offers up to 192 cores, higher frequencies, and larger cache. Built on the 3nm "Zen5" and "Zen5c" architecture, it delivers top-tier performance for general purpose, cloud-native, and technical computing with improved energy efficiency and cost optimization.



RZ1 | R163-Z34-AAH1 Specifications

Processor	CPU: AMD EPYC™ 9005/9004 Series Processors Processor: 1 Max. TDP Support: 400W - At 25°C ambient, cTDP up to 500W
Form Factor	1U
Dimensions	W x H x D (mm): 438 x 43.5 x 710
Socket	1 x LGA 6096 Socket SP5
Chipset	System on Chip
Memory	12 x DIMM slots DDR5 memory supported 12-Channel memory per processor AMD EPYC™ 9005: RDIMM: Up to 6000 MT/s AMD EPYC™ 9004: RDIMM: Up to 4800 MT/s
Motherboard	MZ33-DC1
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 [1] Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x4 [1] SAS card is required to support SAS drives. SAS: Require SAS add-in cards RAID: Require RAID add-in cards
Expansion Slot	Riser Card CRS101V: - 1 x FHHL x16 (Gen5 x16) Riser Card CRS101W: - 1 x FHHL x16 (Gen5 x16) 2 x OCP NIC 3.0 (Gen5 x16) - Support NCSI function
Front I/O	2 x USB 3.2 Gen1 ports (Type-A) 1 x Power button with LED 1 x ID button with LED 1 x NMI button 1 x Reset button 2 x LAN activity LEDs (1 x LED disabled) 1 x Storage activity LED 1 x System status LED
Packaging Content	1 x R163-Z34-AAH1 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 1 x 2-Section Rail kit

Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP
System Fans	4 x 40x40x28mm (25,000rpm) 4 x 40x40x56mm (38,000rpm)
Rear I/O	2 x USB 3.2 Gen1 ports (Type-A) 1 x Mini-DP 1 x RJ45 port 1 x MLAN port 1 x ID button with LED
LAN	Front: 2 x 10Gb/s LAN (1 x Intel® X710-AT2) - Support NCSI function 1 x 10/100/1000 Mbps Management LAN Rear (MLAN board - CDB66): 1 x 10/100/1000 Mbps Management LAN
Backplane Board	Speed and bandwidth: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012
Power Supply	1+1 1300W 80 PLUS Titanium redundant power supplies AC Input: - 100-127V~/ 12A, 50-60Hz - 200-240V~/ 8A, 50-60Hz DC Input: (Only for China) - 240Vdc/ 7A DC Output: - Max 1000W/ 100-127V~ +12.2V/ 82A +12.2Vsb/ 3A - Max 1300W/ 200-240V~ or 240Vdc Input +12.2V/ 106A +12.2Vsb/ 3A
Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8%-80% (non- condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non- condensing)
Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2- A56120-K0R - Cable Management Arm: 25HBZ-R18100- K0R

Authorised
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About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alternative to traditional Tier 1 OEM vendors.

Hereto to solve Information technology's complexity, Hyperscalers developed the IP Appliance Design Process. Which is basically a process along with a utility, being the Appliance Optimizer Utility, which together, assists service providers 'productize' delivery of their Digital-IP.

Technology Partners



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