

R7E | RS501A-E12

Let Hyperscalers meet your bespoke requirements.

Start customizing your R7E | RS501A-E12 today!

- ✓ Single AMD EPYC 9004/9005 processor
- ✓ Up to 24 DIMM slots
- ✓ Up to DDR5 5600 RDIMM/3DS RDIMM
- ✓ UP to 2304GB
- ✓ 12 x SATA/SAS/NVME
- ✓ 2 x M.2 socket support
- ✓ Up to 3 PCIe Gen5 slots + 1 OCP 3.0
- ✓ Up to 2 single-slot GPU cards

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**



AMD EPYC™ 9005 single-processor 1U server that supports up to 24 DIMM, 12 NVMe, three PCIe® 5.0 slots, two M.2, OCP 3.0, two single-slot GPUs

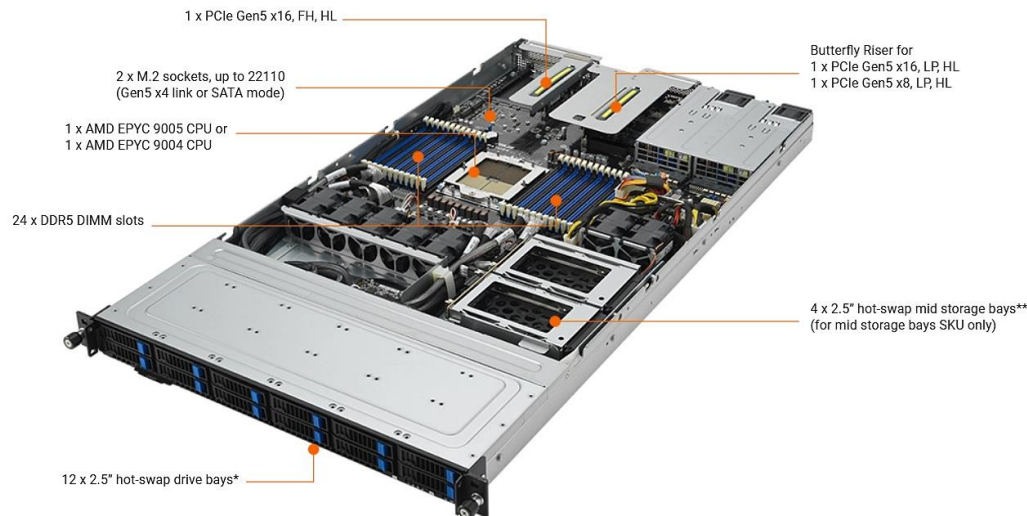
PCI Express® (PCIe®) 5.0 delivers 32 GT/s bandwidth, which is twice the speed of PCIe 4.0, and offers lower power consumption, better land scalability and backwards compatibility. HYPERSCALERS servers are PCIe 5.0 ready with scalability design to satisfy the increasing workloads for modern data centers.

More storage in middle bay

This server features unique design of additional four 2.5" internal storage supporting NVMe and SATA in middle bay*, allowing up to 16 all-flash NVMe drives for different configurations.

* 4 x 2.5" SATA/NVMe in middle bay is for mid storage bays SKU only

* Once the server is sold, the middle bay cannot be expanded or sold separately



R7E | RS501A-E12 Specifications

Processor	1 x Socket SP5 (LGA 6096) Supports AMD EPYC™ 9005 series processors or AMD EPYC™ 9004 series processors, with AMD 3D V-Cache technology Max. TDP Support: cTDP up to 360W	Power Supply	1+1 Redundant 1200W /1600W 80 PLUS Platinum Power Supply 1+1 Redundant 1600W 80 PLUS Titanium Power Supply
Dimensions	W x H x D (inch): 33.15" x 17.68" x 1.73" W x H x D (mm): 842.5mm x 449mm x 43.85mm (1U)	Storage Bay	-Front:12 x 2.5" Hot-swap Storage Bays (12 x SATA/SAS/ U.2 or U.3 NVMe Devices) -Mid storage bays SKU support up to 16NVMe/SATA -2 x M.2 socket (Gen4 x4 link or SATA mode, up to 22110 module)
Memory	Total Slots: 24 12-channel, 2 DIMM per channel Capacity: Up to 2,304 GB Memory Type: -AMD EPYC™ 9005 series processors DDR5 5600 RDIMM 2DPC (1 of 2) up to 5200 2DPC (2 of 2, 1R+1R) up to 4400, 2DPC (2 of 2, 2R+2R) up to 4000 -AMD EPYC™ 9004 series processors DDR5 4800 RDIMM 2DPC (1 of 2) up to 4800, 2DPC (2 of 2, 1R+1R) up to 4000 2DPC (2 of 2, 2R+2R) up to 3600 Memory Size: 96GB, 64GB, 32GB, 16GB (RDIMM)	Weight	Net Weight Kg (CPU, DRAM & HDD not included):14.16 kg Gross Weight Kg (CPU, DRAM & HDD not included, Packing include): 19.16 kg
Expansion Slot	Total Slots: 3 PCIe Gen5 slots + 1 OCP3.0 Slot Type: 1 x PCIe x16 slot (Gen5 x16 link, FH, HL) 1 x PCIe x16 slot (Gen5 x16 link, LP, HL) 1 x PCIe x16 slot (Gen5 x8 link, LP, HL) 1 x OCP3.0 socket (Gen5 x16 link)	Rear I/O	2 x USB 3.2 Gen1 ports 2 x Gigabit LAN ports (RJ45) 1 x Management port (RJ45) 1 x VGA port 1 x COM port
Switch/LED	Front: 1 x Power Button/LED 1 x Location Button/LED 1 x Message LED 2 x LAN LED Rear: 1 x Port80 LED (Q-Code) 1 x Power Switch w/ LED 1 x Location Switch w/ LED 1 x Message LED	Network Controller	LAN 1 x Dual Port Intel I350-AM2 Gigabit LAN controller 1 x Dedicated Management port (BMC AST2600)
		Operating Environment	Operation temperature: 10°C ~ 35°C Non-operation temperature: -40°C ~ 70°C Non-operation humidity: 20% ~ 90% (Non-condensing)
		Security	Optional TPM module Optional PFR module



Authorised
Hyperscalers
Partner



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



Hyperscalers
Australia Head Quaters

10 of 65 Tennant Street Fyshwick
ACT 2609 Australia
P +61 1300 113 112
E info@hyperscalers.com

Operating out of USA, India, EU
www.hyperscalers.com