

HB2 | RS700A-E12

Let Hyperscalers meet your bespoke requirements

Start customizing your HB2 | RS700A-E12 today!

- ✓ 6th Gen Intel® Xeon® Scalable processor
- ✓ 1U GPU server
- ✓ Supports up to 32 DIMM
- ✓ 12 NVMe
- ✓ 3 PCIe® 5.0 slots
- ✓ 2 M.2
- ✓ OCP 3.0
- ✓ 1 dual-slot GPU



Key Features

- **Powerful performance:** Powered by 6th Gen Intel® Xeon® Scalable processors unleash up to 21%-greater general-purpose performance per watt, significantly improving AI inference and training
- **Scale-up storage and expansion design:** Up to 12 all-flash NVMe drives on the front panel, and 4 PCIe 5.0 slots for higher bandwidth and system upgrade
- **Flexible networking module design:** Optional two 10 Gbps or four 1 Gbps on-board LAN module, and OCP 3.0 module with PCIe 5.0 slot in rear panel for faster connectivity
- **Advanced air cooling solution:** Features enhanced volume air cooling (EVAC) heatsink for processors with higher TDP
- **Enhanced IT-infrastructure management:** ASMB11-iKVM remote control with ASPEED AST2600, ASUS Control Center IT management software and hardware-level Root-of-Trust solution
- **Ready for AI and HPC workloads:** Supports 1 dual-slot GPU, including Intel Data Center GPU Flex series and NVIDIA A100 H100 H100NVL

About Hyperscalers

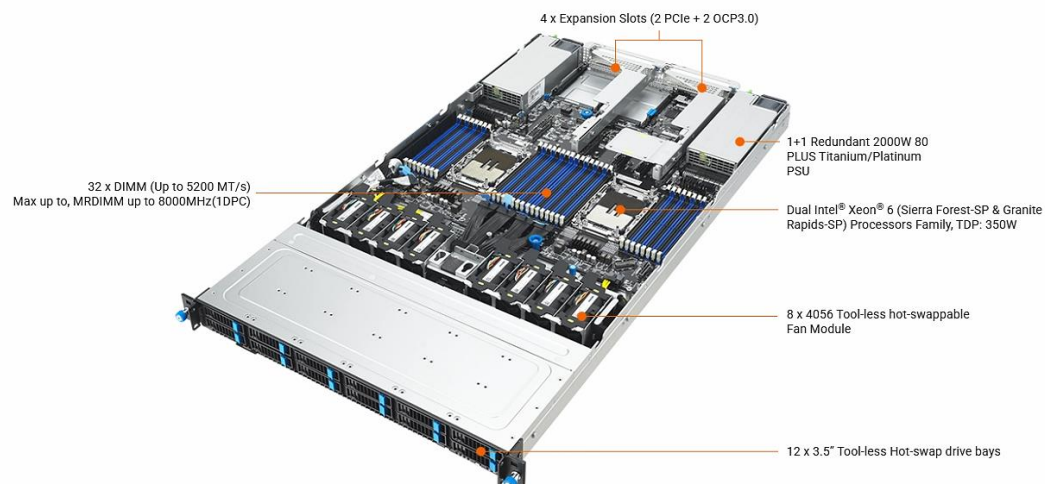
 World's First Open OEM

 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



HB2 | RS700A-E12 Specifications

Processor	Intel®Xeon® Processor Scalable Family	Management Solution	On-Board ASMB12-iKVM for KVM-over-IP
Generation	E12	Regulatory Compliance	BSMI, CE, CB, RCM, FCC(Class A), ISED
Form Factor	IU	Rear I/O Ports	2 x USB 3.2 Gen I ports 1 x Mini-DP port 1 x RJ-45 Management LAN port 1 x Debug port
Dimensions	821.7(L) x 483(W) x 43.2(H) mm 32.35(L) x 19(W) x 1.7(H) inch	Power Supply	1+1 Redundant 2000W 80 PLUS Titanium/Platinum PSU Rating: 100-127V~/220-240V~, 12A/10A (x2), 50/60Hz
Memory	Total slot: 32 (8-channel per CPU, 16 DIMM per CPU) Capacity: Maximum up to 4TB Memory type: 6th: 6400MHz (1DPC) Memory size: 128GB, 96GB, 64GB, 32GB, 16GB RDIMM * Refer to www.asus.com/support for more information	CPU Heatsink/ Cooler	IU EVAC Heatsink*2
Expansion Slot	Total 4 expansion slots 2 x PCIe Gen5 x16 (FHHL) 2 x OCP3.0 Gen5 x16 (SFF)	Weight	Net Weight : 13.81KG Gross Weight : 16.71KG
Drive Bays	12 x 2.5"hot-swap drive bays 12NVMe/SATA*/SAS* *HBA/ RAID card is required to support SAS or SATA hard drive 2 x M.2 Gen5 x2 (2280/2260)(VROC required for RAID)	Operating Environment	Operation temperature: 10°C ~ 35°C Non-operation temperature: -40°C ~ 60°C Non-operation humidity: 20% ~ 90% (Non-condensing)
System Fan	8	Optional Items	Security: Dual BMC Module (default) TPM Module (MUST bundle with HS server while placing order if required.) Accessory: 2U Front Bezel 1.5U Height Full Extension Ball bearing Type Rail Kit Cable arm (Please consult sales if required.)
Networking	1 x Management Port	OS Support	Please find the latest OS support
Graphic	Aspeed AST2600 64MB		
Switch/LED	Front Switch/LED: 1 x Power Switch w/ LED 1 x Reset Switch 1 x Location Switch w/ LED 1 x HDD Access LED 1 x Message LED Rear Switch/LED: 1 x Power Switch w/ LED 1 x Location Switch w/LED 1 x Message LED		

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Partner

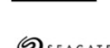


About Hyperscalers

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



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