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## 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

### 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



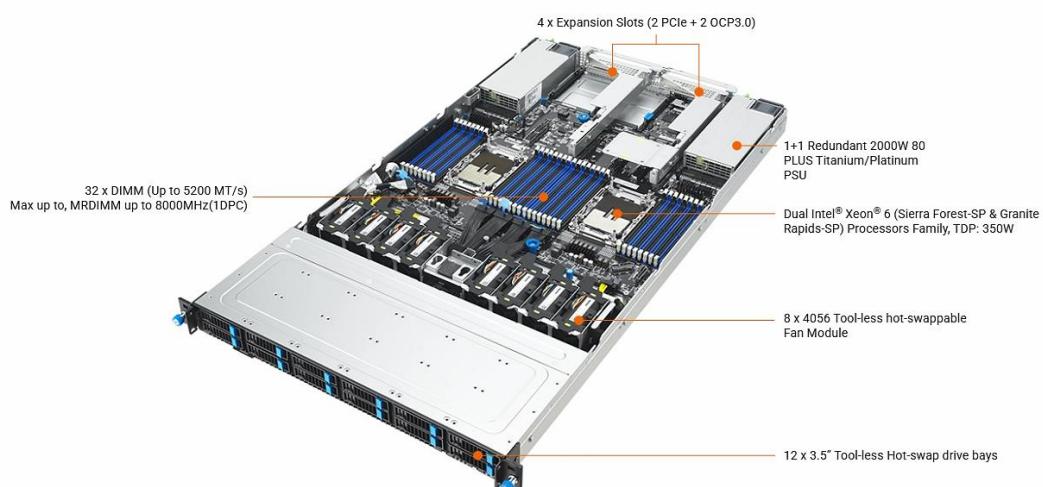
Metro Delivery 1-4 Days

“ PCIe 5.0 Ready - Faster storage, graphics and networking capabilities ”



### 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



# HB2 | RS700A-E12 Specifications

<b>Processor</b>	Intel® Xeon® Processor Scalable Family	<b>Management Solution</b>	On-Board ASMB12-iKVM for KVM-over-IP
<b>Generation</b>	E12	<b>Regulatory Compliance</b>	BSMI, CE, CB, RCM, FCC(Class A), ISED
<b>Form Factor</b>	1U	<b>Rear I/O Ports</b>	2 x USB 3.2 Gen1 ports 1 x Mini-DP port 1 x RJ-45 Management LAN port 1 x Debug port
<b>Dimensions</b>	821.7(L) x 483(W) x 43.2(H) mm 32.35(L) x 19(W) x 1.7(H) inch	<b>Power Supply</b>	1+1 Redundant 2000W 80 PLUS Titanium/Platinum PSU Rating: 100-127V~/220-240V~, 12A/10A (x2), 50/60Hz
<b>Memory</b>	<p><b>Total slot:</b> 32 (8-channel per CPU, 16 DIMM per CPU)</p> <p><b>Capacity:</b> Maximum up to 4TB</p> <p><b>Memory type:</b> 6th: 6400MHz (1DPC)</p> <p><b>Memory size:</b> 128GB, 96GB, 64GB, 32GB, 16GB RDIMM</p> <p>* Refer to <a href="http://www.asus.com/support">www.asus.com/support</a> for more information</p>	<b>CPU Heatsink/ Cooler</b>	1U EVAC Heatsink*2
<b>Expansion Slot</b>	Total 4 expansion slots 2 x PCIE Gen5 x16 (FHHL) 2 x OCP3.0 Gen5 x16 (SFF)	<b>Weight</b>	Net Weight : 13.81KG Gross Weight : 16.71KG
<b>Drive Bays</b>	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)	<b>Operating Environment</b>	<p><b>Operation temperature:</b> 10°C ~ 35°C</p> <p><b>Non-operation temperature:</b> -40°C ~ 60°C</p> <p><b>Non-operation humidity:</b> 20% ~ 90% (Non-condensing)</p>
<b>System Fan</b>	8	<b>Optional Items</b>	<p><b>Security:</b> Dual BMC Module (default) TPM Module (MUST bundle with HS server while placing order if required.)</p> <p><b>Accessory:</b> 2U Front Bezel 1.5U Height Full Extension Ball bearing Type Rail Kit Cable arm (Please consult sales if required.)</p>
<b>Networking</b>	1 x Management Port	<b>OS Support</b>	Please find the latest OS support
<b>Graphic</b>	Aspeed AST2600 64MB		
<b>Switch/LED</b>	<p><b>Front Switch/LED:</b> 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</p> <p><b>Rear Switch/LED:</b> 1 x Power Switch w/ LED 1 x Location Switch w/ LED 1 x Message LED</p>		

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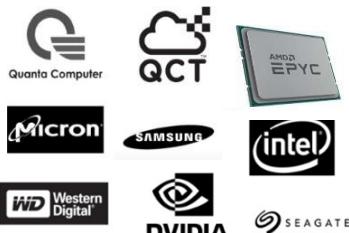


## About Hyperscalers

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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