



The **ByteSpeed 2U Server ESC4000A-E12** is an AMD EPYC™ 9005 single-socket server built for the demands of enterprise AI infrastructure to deliver unprecedented performance with industry-leading GPUs, faster GPU interconnect and higher-bandwidth fabric, and supports up to four dual-slot active or passive GPUs scalable configuration with a choice of NVIDIA NVLink® Bridge or AMD Infinity Fabric™ Link to enable scaling of performance with increased bandwidth — ready to match your AI and HPC workloads. All ByteSpeed servers are backed by our excellent ByteSpeed 5-year warranty, Next Business Day Parts, and free lifetime tech support.

ByteSpeed has many chassis and other customization options that aren't included on our website. Please contact your sales rep for additional options, or call 877-553-0777.



System Specifications

Processor:	5 th Generation AMD EPYC 9005
OS:	Windows Server 2025/Linux
Dimensions:	31.50" x 17.30" x 3.50"
Memory:	DIMM Speed DDR5 4800/4400 RDIMM/RDIMM 3DS
Memory Module Slots:	12 DDR5 RDIMM slots Supports registered ECC DDR5 DIMMs only
Maximum RAM:	3TB MAX
Management:	ASUS Control Center (Classic) On-Board ASMB11-iKVM for KVM-over-IP
Power Supplies:	1+1 Redundant 2600W 80 PLUS Titanium CRPS-R Power Supply
Storage Controllers:	GRAID Supreme RAID Core Adaptec 9520-8i
RAID:	HW RAID 0, 1, 5, 6, 10 *Depending on Controller

Storage:	[OPTION 1] Front bays: 6x 3.5" Hot-Swap drive bays 6x SATA/SAS/NVMe
Slots:	Rear: 4 x PCIe x16 slots (Gen5 x16 link, FH, FL) for dual-slot GPU cards or 8 x PCIe x16 slots (Gen5 x8 link, FH, FL) for single-slot GPU cards
Rack Support:	Rail Kit
Network Options:	Intel E810 10/25GBE SFP28 x 2 Intel E810 10/25GBE SFP28 x 4 Intel E610-XT2 RJ45 Copper x 2
Front I/O Ports:	1 x Q-code/port-80 LED 4 x USB 3.2 Gen1 ports
Rear Ports:	2 x USB 3.2 Gen1 ports, 2 x Gigabit LAN ports 1 x Management port 1 x VGA port
Warranty:	5 Year NBD Parts Server Warranty
Support:	Lifetime Tech Support