



The ByteSpeed Server RS300-E12 is an Intel Xeon E-2400 1U server with support for four DDR5 ECC UDIMM, four NVMe, one M.2, one PCIe 5.0 slot and one PCIe 4.0 slot, plus dual LAN, 80 PLUS Platinum redundant power supplies, Intel Platform Firmware Resilience (PFR), onboard ASUS ASMB11-iKVM and chassis-intrusion alert. The ByteSpeed Server RS300-E12 is backed by a 5-year server warranty with next business day parts and lifetime tech support.

KEY FEATURES:

- Powered by eight-core Intel Xeon E-2400-series processor with support for up to 95 W TDP
- Four 3.5-inch or 2.5-inch hot-swap drives on front panel and one M.2 to enable extensive storage
- Up to one PCIe 5.0 slots and one PCIe 4.0 proprietary slot to drive higher bandwidth
- High power efficiency with redundant 450 W 80 PLUS Platinum power supplies
- Dual Intel I210-AT gigabit Ethernet with teaming support
- Onboard ASUS ASMB11-iKVM for out-of-band management with ASPEED AST2600 controller
- Integrated PFR FPGA as the platform Root-of-Trust solution for firmware resiliency
- Chassis-intrusion for enhanced physical security



System Specifications

Processor Support:	1 x Socket LGA 1700 Intel Xeon E-2400 processors Intel Pentium processors
Core Logic:	Intel C262 Chipset
Memory:	Total Slots 4 (2-channel per CPU) Capacity: Max up to 128GB UDIMM Type: DDR4 4400/4000/3600 ECC UDIMM
Expansion Slot Type:	Total PCI-E Slots: 3 1 x PCI-E x 16 (Gen5 x16 Link, switch to x8 link when slot B occupied), FH/HL 1x PCI-E x 8 (Gen5 x8 Link), HH/HL* 1x PCI-E x 4 (Gen4 x4 Link), Proprietary R/A slot
Disc Controller/ SATA Controller:	Storage Controller: Intel C262 Chipset 8 x SATA3 6Gb/s ports IntelVROC (For Linux/Windows) (Support Software RAID 0/1/5/10)
Disc Controller/ SAS Controller:	ADAPTEC SMARTRAID 3101-4i ADAPTEC HBA 1100-4i ADAPTEC SMART HBA 2200-16i

Storage Bays: I = INTERNAL A OR S WILL BE HOT SWAPPABLE	1 x M.2 (NGFF 22110/2280/2260/2242) 4 x 3.5" Hot-Swap HDD Bays *SAS support only from optional SAS HBA/ RAID card
Networking LAN:	2 x Intel X710 + 1 x Mgmt LAN
Graphic VGA:	Aspeed AST2600 with 64MB VRAM
Front I/O Ports:	1 x VGA port, 2 x USB 3.2 Gen1 ports
Rear I/O Ports:	3x USB 3.2 Gen 2 ports, 1x VGA port 1x COM port, 1x RJ-45 ports
Rack Support:	RAIL Kit
OS Support:	Windows Server 2025
Dimensions:	19.57" x 17.3" x 1.73"
Warranty:	5 Year NBD Parts Server Warranty Free Lifetime Tech Support