



The **ByteSpeed Server RS501A-E12** provides powerful performance, powered by AMD EPYC 9005 processors with 192 Zen 5c cores, 12-channel, up to 5200 MHz DDR5 and support for a maximum TDP of up to 360 watts. It features scale-up storage and expansion design, with up to 12 all-flash NVMe drives on the front panel, and three PCIe 5.0 slots for higher bandwidth and system upgrades. **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

<b>Processor:</b>	5 <sup>th</sup> Generation AMD EPYC 9005
<b>OS:</b>	Windows Server 2025
<b>Dimensions:</b>	33.17" x 17.68" x 1.73"
<b>Memory:</b>	DIMM Speed 2DPC (1 of 2) up to 5200 with "6400 RDIMM", other 4800
<b>Memory Module Slots:</b>	24 DDR5 RDIMM slots Supports registered ECC DDR5 DIMMs only
<b>Maximum RAM:</b>	6TB MAX (2DPC)
<b>Management:</b>	ASUS Control Center (Classic) On-Board ASMB11-iKVM for KVM-over-IP
<b>Power Supplies:</b>	1+1 Redundant 1600W 80 PLUS Platinum
<b>Storage Controllers:</b>	GRAID Supreme RAID Core Adaptec 9560-16i Adaptec 9660-16i
<b>RAID:</b>	HW RAID 0, 1, 5, 6, 10, *Depending on Controller

<b>Storage:</b>	[OPTION 1] Front bays: 12 x 2.5" Hot-Swap drive bays 12 x SATA/SAS/NVMe
<b>Slots:</b>	Up to 3 PCIe Gen5 slots + 1 OCP3.0 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)
<b>Rack Support:</b>	Rail Kit
<b>Network Options:</b>	INTEL E810, 10/25GBE SFP28 x 2 INTEL E810 10/25GBE SFP28 x 4 INTEL E610-XT2 RJ45 COPPER x 2
<b>Rear Ports:</b>	2 x USB 3.2 Gen1 ports 1 x VGA port 1 x Management port 2 x 1GbE LAN ports
<b>Warranty:</b>	5 Year NBD Parts Server Warranty
<b>Support:</b>	Lifetime Tech Support