ASUS RS720A-E9-RS24-E
New Generation Performance with Massive Expandability

Highlights

- Brand-New AMD EPYC™ Platform Design

- 8 + 1 expansion slots

- Friendly Design and Premium Efficiency

- Complete Remote Server Management
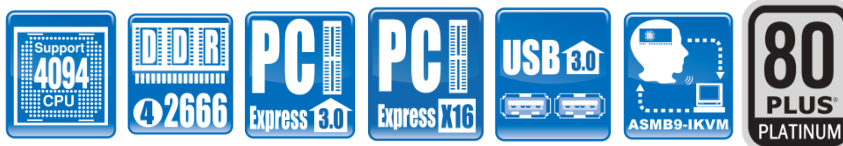
Brand-new AMD EPYC™ platform design

ASUS RS720A-E9-RS24-E is built on the brand-new AMD EPYC™ platform to deliver incredible server performance. With up to 32 cores per CPU and up to 128 threads in a single 2U server, RS720A-E9-RS24-E packs incredible power in minimal space. 32 DIMM slots provide best-in-class memory capacity and bandwidth, and an integrated I/O controller on the processor eliminates the data transfer bottlenecks caused by discrete I/O chipsets for reduced latency and dramatically faster system performance.

8 + 1 expansion slots

ASUS RS720A-E9-RS24-E features seven full-height PCIe 3.0 x16 slots (x8 mode). Six of these slots can be paired together to enable three PCIe 3.0 x16 mode configurations. RS720A-E9-RS24-E also comes with one low-profile PCIe 3.0 x16 slot (x16 mode) and one OCP Mezzanine 2.0 slot (x16 mode) for OCP LAN cards. With its flexible expandability, RS720A-E9-RS24-E fits a wide range of storage and networking applications, and provides high scalability in a 2U server.

User-friendly and energy-efficient design

RS720A-E9-RS24-E features numerous user-friendly design features that simplify server maintenance. Two M.2 slots that accommodate 22110-size SSDs for additional storage options. The server's Q-code is visible from the outside of the case to make diagnosing issues easier and more convenient. A tool-less rack rail kit is included for easy server installation and removal, and a tool-less, hot-swappable fan makes for faster and simpler maintenance. RS720A-E9-RS24-E also features an energy-efficient design that eliminates the power-sharing board for reduced power consumption and operation costs.

Complete remote server management

With an onboard ASMB9-iKVM, RS720A-E9-RS24-E enables remote out-of-band management via IPMI (Intelligent Platform Management Interface). Additionally, the all-new ASUS Control Center software provides a centralized server management solution with comprehensive control over IT environments and

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Specification

Processor Support		2 x Socket SP3 (LGA 4094)
		AMD EPYC™ 7000 Series, xGMI (External Global Memory Interface Link)
Core Logic		System on Chip (SoC)
Memory	Total Slots	32 (8-channel per CPU, 16 DIMM per CPU)
	Capacity	Maximum up to 4096GB
	Memory Type	DDR4 2666/2400/2133 RDIMM/ LRDIMM *Please refer to www.asus.com for latest memory AVL update
	Memory Size	-
Expansion Slots	Total PCI/PCI-X/PCI-E/PIKE Slots	8+1
	Slot Type	6 x PCI-E x16 (Gen3 x8 link) or 3 PCI-E x16 (Gen3 x16 link), FH, HL 1 x PCI-E x16 (Gen3 x16 link), LP, HL 1 x PCI-E x16 (Gen3 x8 link), FH, HL 1 x OCP Mezzanine 2.0 (Gen3 x16 link)
	Proprietary Slot 1	-
Disk Controller	SATA Controller	10 x SATA 6Gb/s ports 2 x M.2 connectors (SATA 6Gb/s & PCI-E Gen3 x4 link)
	SAS Controller	Optional kits: ASUS PIKE II 3008 8-port SAS HBA card ASUS PIKE II 3108 8-port SAS HW RAID card 12G SAS Support
Storage Bays	I = internal A or S will be hot-swappable	24 x 2.5" Hot-Swap Drive Bays
Networking	LAN	1 x Dual Port Intel I350-AM2 Gigabit LAN Controller, 1 x Management Port
Graphic	VGA	Aspeed AST2500 64MB
Auxiliary Storage Device Bay (Floppy / Optical Drive)		-
Front I/O Ports		2 x USB 2.0 ports
Rear I/O Ports		2 x USB 3.0 ports, 1 x VGA port, 2 x RJ-45 GbE LAN ports, 1 x RJ-45 Mgmt LAN port
Switch/LED		Rear Switch/LED: 1 x Q-Code/Port 80 LED, 1 x Power switch Front Switch/LED: 1 x Power switch/LED, 1 x Location switch/LED, 1 x Reset switch, 1 x HDD Access LED, 1 x Message LED, LAN 1-4 LED * LAN3-4 for Mezzanine card use
OS Support		Windows® Server 2016, Windows® Server 2012 R2 RedHat® Enterprise Linux SuSE® Linux Enterprise Server CentOS Ubuntu VMware Citrix XenServer Please find the latest OS support from http://www.asus.com/
Management Solution	Software	ASUS Control Center
	Out of Band Remote Management	On-Board ASMB9-iKVM for KVM-over-IP
Regulatory Compliance		BSMI, CE, FCC (Class A)
Dimension		750mm x 444mm x 88mm(2U) 29.52" x 17.48" x 3.46"
Net Weight Kg (CPU, DRAM & HDD not included)		TBD
Gross Weight Kg (CPU, DRAM & HDD not included, Packing include)		TBD
Power Supply (following different configuration by region)		1+1 Redundant 800W/1200W 80 PLUS Platinum Power Supply Rating: 100-127/200-240Vac,9.4A/4.72A ,47-63Hz Class I (240Vdc, 4.6A Only for China)
Environment		Operation temperature: 10℃ ~ 35℃ Non operation temperature: -40℃ ~ 70℃ Non operation humidity: 20% ~ 90% (Non condensing)

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