



◆ RS300-E9-RS4



◆ RS300-E9-PS4

**Highlights**

- Extreme expandability in 1U
- ASUS PIKE II & 12G SAS support
- Versatile storage capability
- High networking connection
- Best-in-class power efficiency and stability

**ASUS RS300-E9 Series**

**Flagship Model with Versatile Expandability**



**Extreme expandability in 1U**

RS300-E9 Series has high expandability with 2 expansion slots in a configuration. This flexible expansion offers diverse applications in storage and networking to meeting the demands of future expansion.

**ASUS PIKE II & 12G SAS support**

ASUS PIKE II (optional) offers the latest 12Gb/s SAS together with PCI-E 3.0 solution. While ASUS latest 12Gb/s SAS doubles the data rate running at twice the speed of the previous generation, PCI-E 3.0 offers high reliability and faster speed connection. ASUS PIKE II meets user needs with support for 6Gb/s SATA and 12Gb/s SAS storage and integrated RAID data protection.

**Versatile storage capability**

RS300-E9 Series is the perfect choice for an operating system or application drive, making the server work as fast as possible. ASUS further furnishes several choices for OS drive placement, such as M.2 (dual, up to 512GB x 2), SSD cage and SATA DOM. For disk storage, it can offer four 3.5" hot-swap disk bay and two internal 2.5" SSD bay (optional).

**High networking connection**

RS300-E9 Series with quad server-class Intel® LAN controllers, which doubles queues compared to previous-generation. This is better for virtualization applications. In addition, the quad LAN teaming quadruples the network bandwidth and the failover function ensures uninterrupted network connections.

**Best-in-class power efficiency and stability**

RS300-E9 Series benefits from premium components hand-chosen and carefully arranged by ASUS engineers to provide premium efficiency. The ASUS exclusive material, which can be used 136.9 years ultra longevity at 65°C. With Beat Thermal Choke III, it takes 3°C lower choke temperatures and reduces power consumption.

Feature difference	RS300-E9-RS4	RS300-E9-PS4
Power Supply	1+1 Redundant 450W 80 PLUS Gold PSUs	Single 400W 80 PLUS Gold PSU

# Specification

Processor Support		1 x Socket LGA1151 Intel® Xeon® processor E3-1200 v5/v6 product family
Core Logic		Intel® C232 Chipset
Memory	Total Slots	4 (2-Channels)
	Capacity	Maximum up to 64GB (UDIMM)
	Memory Type	DDR4 2400/2133 ECC/non-ECC UDIMM *Refer to ASUS server AVL for the latest update
	Memory Size	16GB, 8GB, 4GB (UDIMM)
Expansion Slots	Total PCI/PCI-X/PCI-E/PIKE Slots	2
	Slot Type	1 x PCI-E x16 (x8 Gen3 Link), 1 x PCI-E x8 (x8 Gen3 Link), support LP GPU cards such as P400
	Proprietary Slot 1	
Disk Controller	SATA Controller	<b>Intel® C232:</b> 6 x SATA 6Gb/s ports (4 by miniSAS HD) with 2 x M.2 (NGFF 2280/2260/2242, PCIE or SATA signal, gray SATA port will disable when M.2 is occupied) Intel® RSTe (Windows & Linux) (Support software RAID 0, 1, 10 & 5)
	SAS Controller	Optional kits: ASUS PIKE II 3008-8i 8-port SAS 12G RAID card ASUS PIKE II 3108-8i 8-port SAS 12G HW RAID card
Storage Bays	I = internal A or S will be hot-swappable	4 x 3.5" Hot-Swap HDD Bays 2 x 2.5" Internal SSD Bays (Optional), 2 x M.2 (NGFF 2280/2260/2242)
Networking	LAN	4 x Intel® I210AT + 1 x Mgmt LAN
Graphic	VGA	Aspeed AST2400 32MB
Auxiliary Storage Device Bay (Floppy / Optical Drive)		1 x Slim-type Optical Drive Bay, Options: No Device / DVD-RW / DVD ROM
Front I/O Ports		2 x USB 3.0 ports, 1 x VGA port
Rear I/O Ports		4 x RJ-45 ports, 2 x USB 3.0 ports 2 x USB 2.0 ports, 1 x VGA port 1 x PS/2 keyboard/mouse combo port 1 x RJ-45 ports (One for ASMB8-iKVM)(Optional)
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
OS Support		Windows® Server 2012 R2, Windows® Server 2012 RedHat® Enterprise Linux SuSE® Linux Enterprise Server CentOS, Vmware, Citrix XenServer  Please find the latest OS support from <a href="http://www.asus.com/">http://www.asus.com/</a>
Management Solution	Software	ASUS Control Center
	Out of Band Remote Management	Optional ASMB8-iKVM for KVM-over-IP
Regulatory Compliance		BSMI, CE, C-TICK, FCC (ClassA)
Dimension		615mm x 444mm x 44mm (1U) 24.21" x 17.48" x 1.73"
Net Weight Kg (CPU, DRAM & HDD not included)		RS300-E9-RS4: 10.64 kg, RS300-E9-PS4: 8.98 kg
Gross Weight Kg (CPU, DRAM & HDD not included, Packing include)		RS300-E9-RS4: 16.75 kg RS300-E9-PS4: 15.09 kg
Power Supply (following different configuration by region)		RS300-E9-RS4: 1+1 Redundant 450W 80 PLUS Gold Power Supply Rating: 100-127Vac/200-240Vac,8A/4A ,47-63Hz, Class 1  RS300-E9-PS4: Single 400W 80 PLUS Gold Power Supply Rating: 100-240Vac, 6.3-3A 60-50Hz, Class 1
Environment		Operating temperature: 10°C ~ 35°C Non operating temperature: -40°C ~ 70°C Non operating humidity: 20% ~ 90% ( Non condensing)

