



ASUS TS300-E9-PS4

Supreme Computing and Expandability for SMB



ASUS PIKE II & 12G SAS support

ASUS PIKE II (optional) offers the latest 12Gb/s SAS together with PCIe 3.0 solution. While ASUS latest 12Gb/s SAS doubles the data rate running at twice the speed of the previous generation, PCIe 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.

High scalability

TS300-E9-PS4 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) and SATA DOM. Also, upgradable to eight 3.5" Hot-Swap diskbays.

High networking connection

TS300-E9-PS4 has 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

TS300-E9-PS4 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.

Comprehensive remote management

ASUS presents the most complete remote server control, including out of band ASMB8-iKVM (optional) and in-band ASWM Enterprise. Out-of-band ASMB8-iKVM offers LAN management, while in-band ASWM Enterprise provides "one on many" usage. IT professionals don't have to check servers one by one, but instead can use ASWM Enterprise to monitor the status of all servers from a friendly graphical user interface.

Highlights

- ASUS PIKE II & 12G SAS support
- High scalability
- High networking connection
- Best-in-class power efficiency and stability
- Comprehensive remote management

Specification

Processor Support		1 x Socket LGA1151 Intel® Xeon® processor E3-1200 v5 product family (80W)
Core Logic		Intel® C236 Chipset
Memory	Total Slots	4 (2-Channel)
	Capacity	Maximum up to 64GB(UDIMM)
	Memory Type	DDR4-2133 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	4
	Slot Type	1 x PCIe x16 (Gen3 x16 link) + 1x PCIe x8 (Gen3 x4 link) + 1 x PCI + 1 x MIO Or 1 x PCIe x16 (Gen3 x8 link) + 1x PCIe x8 (Gen3 x8 link) + 1x PCIe x8 (Gen3 x4 link) + 1 x PCI + 1 x MIO
Disk Controller	SATA Controller	Intel® C236: 8 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 SATA signal) Intel® RSTe (For Linux/Windows) (Support software RAID 0, 1, 10 & 5)
	SAS Controller	Optional kits: ASUSPIKE II 3008-8i 8-port SAS12G RAID card ASUSPIKE II 3108-8i 8-port SAS12G HW RAID card
Storage Bays	I = internal A or S will be hot-swappable	4 x Hot-swap 3.5" HDD Bays Optional (additional 4 x HDD bays)
Networking	LAN	4 x Intel® I210AT + 1 x Mgmt LAN
Graphic	VGA	Aspeed AST2400 32MB
Auxiliary Storage Device Bay (Floppy / Optical Drive)		1 x 5.25" media bay (Options: No ODD/DVD-RW) (DVD-RW default for North America)
Front I/O Ports		2 x USB 3.0 ports , 2 x USB 2.0 ports 1 x Audio out port (with optional MIO card) 1 x MIC in port (with optional MIO card) 1 x Power Button, 1 x Reset Button
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 port 1 x RJ-45 ports (One for ASMB8-iKVM)(Optional)
Switch/LED		Front LED: 1 x Power LED, 1 x Location LED 1 x HDD Access LED, 1 x Message LED LAN 1-4 LED
OS Support		Windows® Server 2012 R2, Windows® Server 2012 Red Hat® Enterprise Linux SUSE® Linux Enterprise Server CentOS, VMware Please find the latest OS support from https://www.asus.com/event/Server/OS_support_list/OS.html
Management Solution	Software	ASWM Enterprise
	Out of Band Remote Management	Optional ASMB8-iKVM for KVM-over-IP support
Regulatory Compliance		BSMI, CE, C-TICK, FCC(Class B)
Dimension		455mm x 217.5mm x 545mm
Net Weight Kg (CPU, DRAM & HDD not included)		15.0Kg
Gross Weight Kg (CPU, DRAM & HDD not included, Packing include)		18.9Kg
Power Supply (following different configuration by region)		Single 500W 80 PLUS Bronze Power Supply Rating: 100-240V, 10A-6A, 50-60Hz, Class I
Environment		Operation temperature: 10°C ~ 35°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing)