SERIES

5U tower server for business and data center environments

Form Factor
5U

CPU Number
1

Memory Number
4
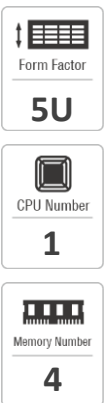
TS300-E10 supports Intel® Xeon E processors and NVIDIA® Quadro graphics cards. Designed to fit into business environments, it can also be integrated easily into data centers as a rack server using the flexible tool-less rail kit.

Target market

- SMB,SOHO
- High computing Workstation

The best storage interface combination for software-defined storage management

4 x 3.5" / 2.5'' hot-swap storage bays ,additional 4 x Hot-swap 3.5" HDD bays (optional)

Comprehensive IT infrastructure management solution

ASMB9-iKVM and ASUS Control Center (ACC*)

FEATURE

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

TS300-E10-PS4 Series Rear View

Flexible Storage+ Expansion slots

TS300-E10-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 disk bays.

High networking connection

TS300-E10-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.

1. 500W 80PLUS Single Power Supply, Gold
2. 4 x DIMM, DDR4-2666/2400/2133, UDIMM (Non ECC)
3. Intel® Xeon E processors Family
4. Dual M.2 (NGFF),up to 22110/2280/2260/2242
5. 4 x Hot-swap 3.5" HDD Bays
6. Upgradable to 8 Hot-swap HDD Bays
7. Options: No ODD/DVD-RW
8. 4 x Intel® I210AT+1 x Mgmt LAN

SPECIFICATION

Processor Support		**1 x Socket LGA1151** Intel® Xeon® processor E-2100/E-2200 product family Intel® 8th/9th Generation Core™ i3 processors Intel® Pentium™ processors Intel® Celeron™ processors
Core Logic		Intel® C246 PCH
Memory	**Total Slots**	4 (2-Channel per CPU, 4 DIMM per CPU)
	Capacity	Maximum up to 128GB (UDIMM)
	Memory Type	DDR4-2666 ECC/non-ECC UDIMM *Refer to ASUS server AVL for the latest update
	Memory Size	32GB,16GB,8GB, 4GB (UDIMM) *Refer to ASUS server AVL for the latest update
Expansion Slots	**Total PCI/PCI-X/PCI-E/PIKE Slots**	4+1
	Slot Type	1 x PCIe 3.0 x 16 slots (@x16/8 link) 1 x PCIe 3.0 x 8 slots (@ x8 link) 1 x PCIe 3.0 x 8 slot (@x4 link) 1 x PCI slot 1 x MIO slot for Audio Card
Disk Controller	**SATA Controller**	Intel® C246: 8 SATA 6Gb/s port Intel® RSTe (for Windows/Linux) (Support software RAID 0, 1, 10, 5)
	SAS Controller	Optional kits: ASUS PIKE II 3008-8i 8-port SAS 12Gb/s HBA card ASUS PIKE II 3108-8i/16PD/1G 8-port SAS 12Gb/s HW RAID card ASUS PIKE II 3108-8i/16PD/2G 8-port SAS 12Gb/s HW RAID card
Storage Bays	**I = internal** **A or S will be hot-swappable**	4 x Hot-swap 3.5" HDD Bays 2 x M.2 (NGFF 22110/2280/2260/2242) 1 x M.2 Socket 3, with M key, (SATA &PCIE 3.0 x 4 mode) 1 x M.2 Socket 3, with M key, (SATA & PCIE 3.0 x 1 mode)
Networking	**LAN**	4 x 1GbE LAN (Intel® I210)+1 x Mgmt LAN
Graphic	**VGA**	Aspeed AST2500 64MB
Security		TPM2.0
Front I/O Ports		2 x USB 3.1 Gen1 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)
Rear I/O Ports		5 x RJ-45 ports (One for ASMB9-iKVM) 2 x USB 3.1 Gen2 port 2 x USB 3.1 Gen1 ports 1 x Internal A Type USB Port 1 x VGA port 1 x COM port
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 2016//Windows® 10 64-bit RS3//RHEL 7.4 Server Edition //RHEL 7.3 Server Edition//RHEL 6.9 Server Edition Please find the latest OS support from http://www.asus.com/
Management Solution	**Software**	ASUS Control Center (Classic)
	Out of Band Remote Management	Optional ASMB9-iKVM for KVM-over-IP
Dimension		45mm x 217.5mm x 545mm 17.91" x 8.54" x 21.45"
Net Weight Kg (CPU, DRAM & HDD not included)		15 kg
Gross Weight Kg **(CPU, DRAM & HDD not included, Packing include)**		18.9 kg
Power Supply **(following different configuration by region)**		500W 80PLUS Single Power Supply, Gold Rating: 100-240Vac, 7-3.5A, 50/60Hz, Class I 550W 80PLUS Single Power Supply Gold Rating: 100-240Vac,9-4.5A,50-60Hz,Class I
Environment		Operation temperature: 10℃ ~ 35℃