

TS100-E10 Series

Entry-level Business Server with Good Performance



Form Factor

Tower



CPU Number

1



Memory Number

4

ASUS TS100-E10-PI4 is an entry-level tower server supporting the latest Intel® Xeon® E, Core i3 and Pentium LGA 1151 socket processors. It also features integrated memory and PCI Express controllers to enable 2-channel (4 DIMM) DDR4 memory and PCIe 3.0 x16 slots. Delivering powerful processing performance together with stable, energy-efficient operation, TS100-E10-PI4 is the ideal choice for an entry-level server for your business.

FEATURE

- Intel Xeon® E processor tower server
- Single LGA1151 socket
- PCI-E x16 Gen3 supported for graphic card
- Dual M.2 support
- Onboard audio for WS application

Independent OS Space

Dual M.2 (NGFF) is capable of internal and independent OS drives with RAID 0/1 (by SATA mode)

Built-in Dual Intel® Gigabit LAN

Multi-network connection made easy and convenient

Improve productivity with ASUS Control Center (ACC)

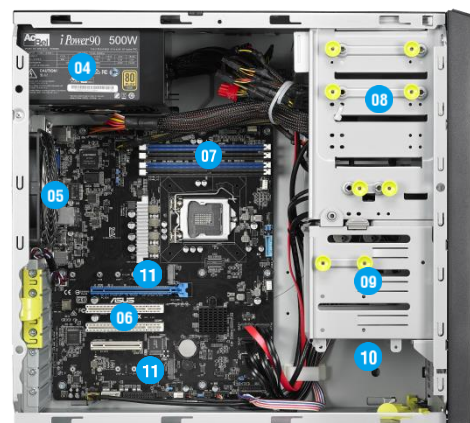
ASUS Control Center offers comprehensive server management with intuitive GUI

Target market

- SMB
- Web/Print/File/Mail Server
- Entry Workstation
- Entry Storage Applications

Fruitful I/O Expandability

- Multiple PCI-E + Legacy PCI Support
- Onboard audio for workstation application
- The latest 10Gb/s USB 3.1 onboard for high transfer speed
- Built-in rear power button for engineer easily design



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| <ol style="list-style-type: none"> 1. 2 x External 5.25" Drive Bay 2. Card Reader (Optional) 3. 2 x USB 3.0, 2 x USB 2.0, Audio Jack 4. 300W Bronze or 500W Gold Single PSU 5. Rear I/O:
1 x PS/2 Keyboard/ Mouse Port
2 x USB 3.1 + 2 x USB 3.0 + 2 x USB 2.0
1 x VGA Port (onboard Aspeed AST2510)
2 x LAN Ports
3 x Audio Jacks (Realtek® ALC887-VD2 8-Channel High Definition Audio CODEC) | <ol style="list-style-type: none"> 6. 1 x PCI-E x16 (Gen3 x16 Link),
1 x PCI-E x8 (Gen3 x4 Link),
2 x PCI 7. 4 x DDR4-2666/2400 ECC/non-ECC UDIMM 8. Internal 5.25" to 3.5"/2.5" Drive Cage (Optional) 9. 3 x Internal 3.5" (or 2 x 2.5" optional cage) Drive Bays 10. 1 x Internal 2.5" Drive Bay 11. 2 x M.2 slots (up to 22110) |
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TS100-E10 Series

SPECIFICATION

Processor Support		1 x Socket P0 (LGA 1151) Intel® Xeon® Processor E-21xx/E-22xx product family (up to 95W) Intel® 8th/9th Generation Core™ i3 processors Intel® Pentium™ processors Intel® Celeron™ processors
Core Logic		Intel® C242 PCH
Memory	Total Slots	4 (2-channel per CPU)
	Capacity	Maximum up to 128GB
	Memory Type	DDR4 2666/2400 ECC and 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-E Slots	4
	Slot Type	1 x PCI-E x 16 (Gen3 x16 Link) 1 x PCI-E x 8 (Gen3 x4 Link) 2 x PCI
	Audio	Realtek® ALC887 7.1-Channel High Definition Audio CODEC
Disk Controller	SATA Controller	Intel® C242 - 6 x SATA 6Gb/s ports with 2 x M.2 (NGFF 22110/2280/2260/2242, gray SATA port will disable when M.2 is SATA signal)* Intel® RSTe (Windows & Linux) (Support software RAID 0, 1, 10 & 5) * One supports both SATA 6Gb/s & PCI-E Gen3 x2 link, the other is SATA 6Gb/s only.
	SAS Controller	Optional kits: ASUS PIKE II 3008 8-port SAS HBA card 12G SAS Support
Storage Bays	I = internal A or S will be hot-swappable	3 x Internal 3.5" (or 2 x 2.5" optional cage) drive bays * 1 x Internal 2.5" drive bay 1 x Optional internal 5.25" to 3.5"/2.5" drive cage * Support only 1 drive when add-on card over 9.5" installed on x16 link slot
Networking	LAN	1 x Intel® I210-AT Gigabit LAN + 1 x Intel® I219-LM Gigabit LAN
Graphic	VGA	Aspeed AST2510 64MB
Front I/O Ports		2 x USB 3.0, 2 x USB 2.0, Audio Jack
Rear I/O Ports		1 x PS/2 Keyboard/ Mouse Port 2 x USB 3.1 + 2 x USB 3.0 + 2 x USB 2.0 1 x VGA Port (onboard Aspeed AST2510) 2 x LAN Ports 3 x Audio Jacks
Front Switch/LED		1 x Power switch 1 x Power LED 1 x Reset switch 1 x HDD Access LED
OS Support		Please find the latest OS support from https://www.asus.com/event/Server/OS_support_list/OS.html
Management Solution	Software	ASUS Control Center
Security		Optional TPM 2.0 module
Dimension		423mm x 190mm x 435mm 16.65" x 7.48" x 17.1"
Power Supply (following different configuration by region)		500W 80PLUS Single Power Supply, Gold Rating: 100-240Vac, 7-3.5A, 50/60Hz, Class I 300W 80PLUS Single Power Supply, Bronze Rating: 100-127/220-240Vac, 6/3A, 60-50Hz, Class I 450/550W 80PLUS Single Power Supply, Gold Rating: 100-240Vac,50-60 Hz,9-4.5A
Environment		Operation temperature: 10°C ~ 35°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing)