TS100-E11 Series

Entry-level Business Server with Good Performance

intel XEON inside | Red Hat Certified Technology | Dual Ethernet

Form Factor / **Tower**   CPU Number / **1**   Memory Number / **4**
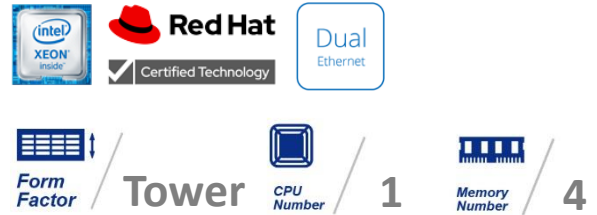
ASUS TS100-E11-PI4 is an entry-level tower server supporting the latest Intel® Xeon® E LGA-1200 socket processors. It also features integrated memory and PCI Express controllers to enable 2-channel (4 DIMM) DDR4 memory and PCIe Gen4 x16 slots. Delivering powerful processing performance together with stable, energy-efficient operation, TS100-E11-PI4 is the ideal choice for an entry-level server for your business. Integrated processor graphics support. TS100-E11 support 1 digital display HDMI with up to 4K resolution an integrated graphics Support will cover basic functionality that matches Client's level of features.

FEATURE

- Intel Xeon® E processor tower server
- Single LGA1200 socket
- PCI-E x16 Gen4 supported for graphic card
- VGA from BMC
- HDMI support (useable only with iGPU)

Built-in Dual Intel® Gigabit LAN

Dual Intel® Gigabit Ethernet with teaming support
Multi-network connection made easy and convenient

HDMI support (useable only with iGPU)
VGA from BMC

### 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
- Onboard audio
- The latest 10Gb/s USB 3.1 onboard for high transfer speed
- Built-in rear power button for engineer easily design
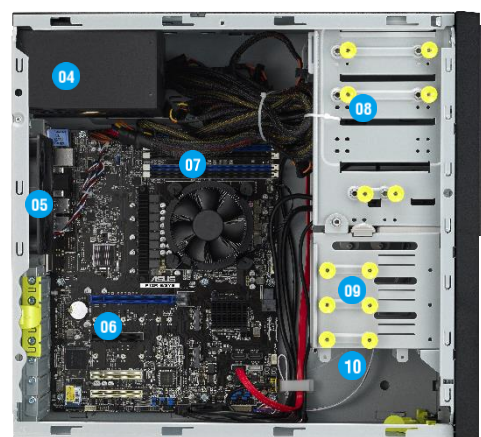
1. 2 x External 5.25" Drive Bay
2. Card Reader (Optional)
3. 2 x USB 3.0, 2 x USB 2.0, Audio Jack
4. 300W Bronze or 550W/750W Gold Single PSU
5. Rear I/O:
   1 x PS/2 Keyboard/ Mouse Port
   2 x USB 3.1 + 2 x USB 3.0 + 2 x USB 2.0
   1 x VGA Port (onboard Aspeed AST2600)
   1 X HDMI (useable only with iGPU)
   2 x LAN Ports
   3 x Audio Jacks (Realtek® ALC800 Series 7.1-Channel High Definition Audio CODEC)
6. Total Slot : 4
   1 x PCIe x16 slot (Gen4 x16/x8 link)
   1 x PCIe x8 slot (Gen4 x0/x8 link)
   2 x PCIe x8 slot (Gen3 x4 link)
7. 4 x DDR4-3200 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

TS100-E11-PI4

SPECIFICATION

Processor Support		1 x Socket (LGA 1200)
		Intel® Xeon® Processor E-23xx product family (up to 95W) Intel® Pentium™ processors
Core Logic		Intel® C256 PCH
Memory	**Total Slots**	4 (2-channel per CPU)
	Capacity	Maximum up to 128GB
	Memory Type	DDR4 3200 ECC UDIMM *Refer to ASUS server AVL for the latest update
	Memory Size	32GB,16GB, 8GB (UDIMM) *Refer to ASUS server AVL for the latest update
Expansion Slots	**Total PCI/PCI-E Slots**	4
	Slot Type	1 x PCIe x16 slot (Gen4 x16/x8 link) 1 x PCIe x8 slot (Gen4 x0/x8 link) 2 x PCIe x8 slot (Gen3 x4 link)
	Audio	Realtek® ALC800 series 7.1-Channel High Definition Audio CODEC
Disk Controller	**SATA Controller**	Intel® C256 - 8 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) * Gen4 x4 Link & Gen3 x2 Link,gray SATA port will disable when M.2 is SATA signal.
Storage Bays	**I = internal** **A or S will be hot-swappable**	2 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**	2 x Intel® I210-AT Gigabit LAN
Graphic	**VGA**	Aspeed AST2600 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) 1 x HDMI Port 2 x LAN Ports
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 OS Compatibility Guide	ASUS
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)**		300W 80PLUS Single Power Supply, Bronze Rating: 100-127/220-240Vac, 6/3A, 60-50Hz, Class I 550W/750W 80PLUS Single Power Supply, Gold Rating: 100-240Vac,50-60 Hz,9-4.5A
Environment		Operation temperature: 10℃ ~ 35℃ Non operation temperature: -40℃ ~ 70℃ Non operation humidity: 20% ~ 90% (Non condensing)