

TS100-E11 Series

Entry-level Business Server with Good Performance



Tower



1



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)

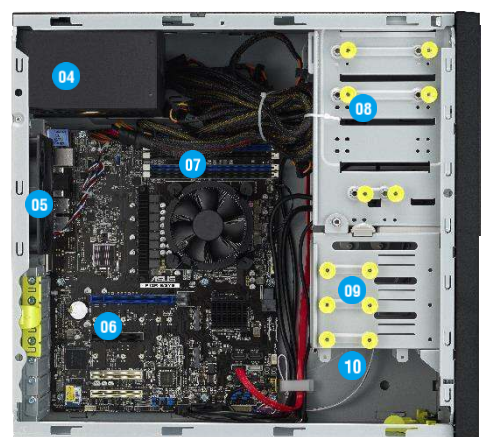
ASUS Control Center offers comprehensive server management with intuitive GUI

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
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
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	2 x Internal 3.5" (or 2 x 2.5" optional cage) drive bays *
	A or S will be hot-swappable	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°C ~ 35°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing)