

RS100-E11-PI2

Zen-quiet Appliance, Magic Capacity



ASUS RS100-E11-PI2 is an Intel® Xeon® E processor 1U rack server based on Intel® C252 chipset. With a short 15" chassis, RS100-E11-PI2 easily fits in diverse rack cabinet, largely increasing density per rack to save space. In addition, it offers the ideal size for IT deployment, which also saves considerable cost when setting up a data center.

FEATURE

- Intel® Xeon® processor 1U rack server
- Single LGA1200 socket
- Up to 5 storage drives supported
- PCIe® 4.0 slots and one PCIe® 3.0 proprietary slot to drive higher bandwidth
- 2 x NVMe support
- Onboard ASUS ASMB10-iKVM for out-of-band management with ASPEED AST2600 controller

PCIe 4.0 Ready

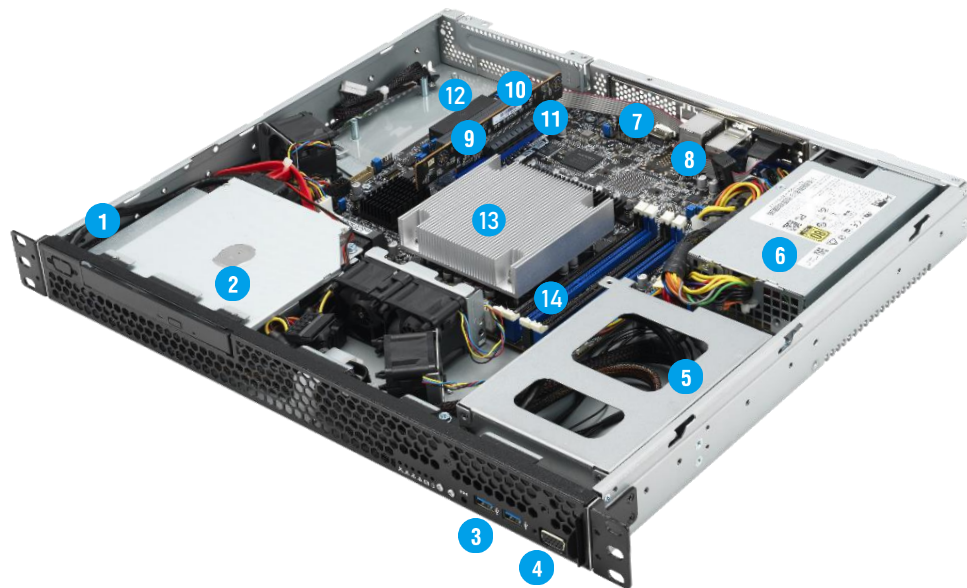
RS100-E11-PI2 servers are PCIe 4.0 ready to support a diverse array of graphics, storage and networking – enabling flexible scalability for demanding or increasing workloads..

Server-grade connectivity

Featuring dual onboard LAN ported by Intel I210-AT Ethernet Controller, RS100-E11-PI2 provides server-grade connectivity and supports high-density, high-bandwidth, low-latency access-layer networks to ensure faster transfers of large-size files used in data-intensive applications.

Target market

- Data center, front-end server
- Embedded application
- SMB print/file/mail server
- Security Appliance Server



1. 1 x 3.5" Internal disk bay (optional)
2. 1 x Slim type ODD or 2 x 2.5" Internal disk bays (optional)
3. 2 x USB 3.0 port
4. 1 x VGA port
5. 1 x 3.5" Internal disk bay or 2 x 2.5" Internal disk bays (optional)
6. Single 250W 80 PLUS Gold / 350W 80 PLUS Gold PSU
7. Optional ASMB10-iKVM
8. Dual Intel® server LAN
9. 1 x PCI-E x 16 (Gen4 x16 link)
10. 1 x M.2 (NGFF), 2280
11. 1 x PCIe x8 (available only for NVMe riser)
12. Proprietary Slot (R/A): Option for Intel X710 10G LAN card
13. Intel LGA1200 CPU socket
14. 4 x DDR4 3200 ECC/non-ECC UDIMM, up to 64GB

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SPECIFICATION

Processor Support		1 x Socket LGA 1200 Intel® Xeon® E processors (up to 95W) Intel® Pentium™ processors
Core Logic		Intel® C252 PCH
Memory	Total Slots	4 (2-channel)
	Capacity	Maximum up to 128GB
	Memory Type	DDR4 3200/2933/2666 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-X/PCI-E/PIKE Slots	2
	Slot Type	Up to 2 slots: 1 x PCIe x16 (Gen4 x16 link) 1 x PCIe x8 (avaialble only for NVMe riser) Proprietary Slot (R/A): Option for Intel X710 10G LAN card
Disk Controller	SATA Controller	Intel® C252 Chipset 6 x SATA3 6Gb/s ports Intel®VROC (For Linux/Windows) (Support Software RAID 0/1/5/10)
Storage Bays	I = internal A or S will be hot-swappable	with ODD: up to 2 x3.5" disk bay or option 1x3.5"+2x2.5" (optional 2 x NVMe) disk bay Without ODD: up to 2 x3.5" disk bay or option 1x3.5"+4x2.5"(optional 2 x NVMe) disk bay support1 x M.2 (up to type 2280, PCIe 3.0 x4)
Networking	LAN	2 x Intel® I210-AT + 1 x Mgmt LAN
Graphic	VGA	Aspeed AST2600 with 64MB VRAM
I/O Ports		Rear I/O Ports: 2 x USB 3.2 Gen 2 ports 1 x VGA port * 1 x HDMI port from CPU 1 x COM port 2 x RJ-45 ports 1 x RJ-45 ports (One for ASMB10-iKVM)(Optional) Front I/O Ports: 1 x VGA port* 2 x USB 3.2 Gen1 ports *Must support by ASMB10
Switch/LED		Rear Switch/LED: 1 x Q-Code/Port 80 LED 1 x Power switch Front Switch/LED: 1 x Power switch/LED 1 x Location switch/LED 1 x Reset switch 1 x HDD Access LED 1 x Message LED LAN 1-2 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 (Classic)
	Out of Band Remote Management	Optional ASMB10-iKVM for KVM-over-Internet
Dimension		380mm x 430mm x 44mm 14.96" x 16.93" x 1.73"
Net Weight Kg (CPU, DRAM & HDD not included)		7.5 kg
Gross Weight Kg (CPU, DRAM & HDD not included, Packing include)		11.72 kg
Power Supply (following different configuration by region)		Single 250W 80 PLUS Gold Power Supply Single 350W 80 PLUS Gold Power Supply
Environment		Operation temperature: 10°C ~ 35°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing)