RS700-E9-RS12

Specifications

Processor / System Bus
2 x Socket P (LGA 3647)
1st and 2nd Gen Xeon® Scalable Processor Family
*Refer to support page for more information
UPI (10.4 GT/s)

Generation
E9

Core Logic
Intel® C621 Chipset

Memory
Total Slots : 24 (6-channel per CPU, 12 DIMM per CPU)
Capacity : Maximum up to 3072GB LR-DIMM 3DS
Memory Type :
DDR4 2933/2666/2400 RDIMM
DDR4 2933/2666/2400 LRDIMM
DDR4 2933/2666/2400 LR-DIMM 3DS
DDR4 Intel® Optane™ DC Persistent Memory
Memory Size :
32GB, 16GB, 8GB, 4GB RDIMM
64GB, 32GB LRDIMM
128GB, 64GB LR-DIMM 3DS
512GB, 256GB, 128GBIntel® Optane™ DC Persistent Memory
* Refer to support page for more information
* Actual memory frequency differs from Intel CPU types and memory module.
Please check Intel official site for more detail about the memory types
supported by each CPU.
* Intel® Optane™ DC Persistent Memory for 2nd Generation Intel

Expansion Slots
1 x PCI-E x16 (Gen3 x16 link), FH, HL (CPU1)
1 x PCI-E x16 (Gen3 x8 link), LP, HL (CPU2)
1 x PCI-E x8 (Gen3 x8 link), LP, HL (CPU2)
1 x OCP 2.0 Mezzanine (Gen3 x16 link) (CPU1)

Storage

SATA Controller :

Intel® C621

Intel® Rapid Storage Technology Enterprise(RSTe) (For Linux/Windows)

(Support Software RAID 0, 1, 5, 10)

Intel® VROC (For Linux/Windows)

(Support Software RAID 0/1/5/10)

Optional kits Controller :

ASUS PIKE II 3008 8-port SAS HBA card

ASUS PIKE II 3108 8-port SAS HW RAID card

12G SAS Support

HDD Bays

12 x 2.5" Hot-swap Storage Bays

(Hybrid storage with up to 8 x NVMe, 8 x SAS and 10 x SATA)

2 x M.2 (22110, 2280, 2260, 2242)

(Support SATA/PCIe M.2,SATA RAID)

*SAS support via PIKE

Networking

1 x Dual Port Intel I350-AM2 Gigabit LAN controller + 1 x Mgmt LAN

Graphic

Aspeed AST2500 with 64MB VRAM

Rear I/O Ports

2 x USB 3.0 ports

1 x VGA port

2 x RJ-45 GbE LAN ports

1 x RJ-45 Mgmt LAN port

Switch/LED

Rear Switch/LED:

1 x Power switch

1 x Q-Code/Port 80 LED

1 x Message LED

1 x Drive LED

1 x Location LED

Front Switch/LED:

1 x Power switch/LED

1 x Location LED

1 x Message LED

1 x DriveD 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
ASUS Control Center(Classic)
On-Board ASMB9-iKVM for KVM-over-IP

Dimensions
686mm x 444mm x 44mm(1U)
27" x 17.48" x 1.73"

Form Factor
1U

Weight
Net Weight : 16.8KG
Gross Weight : 18.35KG

Power Supply
1+1 Redundant 800W 80 PLUS Platinum Power Supply
Rating:
100-127/200-240Vac, 9.4A/4.72A, 47-63Hz Class I or 240Vdc, 4.6A
(240Vdc Only for China)

Environment
Operation temperature: 10℃ ~ 35℃
Non operation temperature: -40℃ ~ 60℃
Non operation humidity: 20% ~ 90% (Non condensing)

- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

- The information contained is general testing result for reference. Please consult local sales representative for more information on specific supported CPU list on each system.

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