ESC4000 G4

Specifications

Processor / System Bus
2 x Socket P (LGA 3647)
1st and 2nd Gen Xeon® Scalable Processor Family (150W)
*Refer to support page for more information

Core Logic
Intel® Lewisburg PCH C621

Memory
Total Slots : 16 (6-channel per CPU, 8 DIMM per CPU)
Capacity : Maximum up to 2048GB LRDIMM
Memory Type :
DDR4 2933/2666/2400 /2133 RDIMM
DDR4 2933/2666/2400 /2133 LRDIMM
DDR4 2933/2666/2400 /2133 LR-DIMM 3DS
DDR4 Intel® Optane™ DC Persistent Memory
Memory Size :
64GB, 32GB, 16GB RDIMM
128GB, 64GB, 32GB LRDIMM
128GB, 64GB LR-DIMM 3DS
* Refer to support page for more information

Expansion Slots
Total: 8 + 3
Full-length/Full-height
8 * PCI-E 3.0 x16 (4 at x16 Link or 8 at x8 Link)
(2 from CPU1 and 2 from CPU2 or 4 from CPU1 and 4 from CPU2)

Half-length/Low-profile
Rear:
1 * PCI-E 3.0 x24 (support with riser card)
(1 * PCI-E x16 (x16 Gen3 Link) from CPU1 and 1 * PCI-E x8 (x8 Gen3 Link)
from CPU2)
Front:
1 * PCI-E x8 (internal HBA/RAID card)
(from CPU2, Bandwidth is shared between PCI-E x8 and 2 x NVMe drives)

Storage

SATA Controller :

Intel® C621

8 x SATA3 6Gb/s ports + 1 x M.2 connector (SATA 6Gb/s & PCIe® Gen3 x4 link /2280/2260)

or

6 x SATA3 6Gb/s ports + 2 x NVMe drives + 1 x M.2 connector (SATA 6Gb/s & PCI-E Gen3 x4 link /2280/2260)

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)

SAS 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

8 x Hot-swap 3.5" HDD Bays

Networking

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

Graphic

Aspeed AST2500 with 64MB VRAM

Front I/O Ports

1 x 80 port

2 x USB 3.0 ports + 2 x USB 2.0 ports

Rear I/O Ports

2 x USB 3.0 port

1 x VGA port

1 x RJ-45 Mgmt LAN port

2 x RJ-45 GbE LAN ports

Switch/LED

Rear Switch/LED:

1 x Power switch/LED

1 x Location LED

1 x Message LED

1 x HDD Access LED

Front Switch/LED:

1 x Power switch/LED

1 x Location switch/LED

2 x LAN LED

1 x Message LED

1 x HDD LED

OS Support*

Please find the latest OS support from
https://www.asus.com/event/Server/OS_support_list/OS.html

Management Solution^{ACC}

On-Board ASMB9-iKVM for KVM-over-IP

Regulatory Compliance BSMI, CE, RCM, FCC(Class A)

Dimensions 800mm x 440mm x 88mm (2U)

31.50" x 17.22" x 3.46"

Form Factor 2U

Power Supply 1+1 Redundant 1600W 80 PLUS Platinum Power Supply

100-127Vac,12.9A,1000W
200-240Vac,9.5A, 1600W

1+1 Redundant 2200W 80 PLUS Platinum Power Supply
Rating: 100-127Vac/200-240Vac,12.9A/9.5A (x2), 47-63Hz
*2200W Power supply is only available for selected countries.

Environment Operation temperature: 10℃ ~ 35℃ / Non operation

temperature: -40℃ ~ 70℃
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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