

ESC4000-E10S

2-Socket 2U Accelerator Server with 4 GPUs supported











OCP 3.0

ASUS ESC4000-E10S

2-socket server satisfies most of your workload needs, helping you reduce cooling expenses and licenses.

Feature

- Total 11 x PCIe 4.0 Expansion Slots in 2U Server
- 4 x PCle 4.0 x16 link for dual-slot GPU cards or 8 x PCI-E 4.0 x8 link for single-slot GPU cards.
- 8 x 2.5" Hot-swap Storage bays (up to 4 x NVMe drive support)
- OCP3.0 NIC support (optional)

Target market

- Streaming Media
- **Cloud Computing**
- Virtualized & VDI Application
- **Enterprise & HPC Application**

Intel® Xeon® Scalable Platform Design

ASUS ESC4000-E10S is built on the 3rd Generation Intel® Xeon® Scalable Processors with more core density compared to previous generation in dual sockets to increase server utilization.

Flexible Design and Performance

- Supports up to 4 x PCIe Gen 4.0 dual-slot GPU cards or 8 x PCIe Gen 4 single-slot GPU cards, and 3 x PCIe Gen4 slots for low-profile network adapters or other expansion cards.
- OCP3.0 Mezzanine slot option for networking flexibility.
- Capacity for 8 x 2.5" hot-swap storage bays. Max. 4 x storage bays can be configured to support NVMe

Comprehensive IT infrastructure management solution

ASUS ESC4000-E10S features an embedded ASMB10-iKVM (BMC, AST2600) and is bundled with ASUS Control Center to provide comprehensive out-of-band and in-band management capability.

4 x PCIe 4.0 x16 slot for GPU/ full height, full length cards 2. 4 x PCIe 4.0 x16 slot for GPU/ full height, full length cards

2 x PCIe 4.0 x16 for NIC/ low-profile cards

1 x OCP 3.0 Mezzanine slot board (optional) or 4 x M.2 sockets board (optional).

1 x PCIe 4.0 x8 slot for HBA/RAID card









ESC4000-E10S

SPECIFICATION

Processor Memory Total Slots Capacity Memory Type DDR4 3200/2933 RDIMM Intel® Optane® Persistent Memory Memory Size 256GB, 128GB, 64GB, 32GB, 16GB *Please refer to www.asus.com for lates Expansion Slots Total Slots Slot Type Total Slots Slot Type Pront: - 4 x PCle x16 slots (Gen4 x16 link, FH,FL) 8 x PCle x16 slots (Gen4 x16 link, FH,FL) 8 x PCle x16 slots (Gen4 x8 link, FH,FL) 1 x PCle x8 slot (Gen4 x8 link, LP,HL) - 5KU-1 (default) 1 x PCle x8 slot (Gen4 x8 link, LP,HL) - 5KU-2 (by request) 1 x PCle x8 slot (Gen4 x8 link, LP,HL) 1 x PCle x8 slot (Gen4 x8 link, LP,HL) 2 x M.2 sockets (Gen4 x8 link, LP,HL) 2 x M.3 sockets (Gen4 x8 link, LP,HL) 2 x M.3 sockets (Gen4 x8 link, LP,HL) 2 x M.3 sockets (Gen4 x8 link, LP,HL) 2 x M.4 socket (Gen4 x8 link, LP,HL) 3 x Gegabit LAN ports (Intel® 1350-AM2) 1 x dedicated management port (BMC A Security TPM / PFR Module (optional) Front I/O Ports 4 x USB 3.2 Gen1 ports 2 x Gigabit LAN ports (R145) 1 x VGA port Switch/LED Switch/LED Front: 1 x Power Button/LED 1 x Location Button/LED 2 x LAN LED 3 x Management port (R145) 1 x VGA port Management Out of Band Remote Management Dimension Software ASUS Control Center (In-band) ASMB10-likVM (out-of-band/BMC AST26 Management Dimension ASMB10-likVM (out-of-band/BMC AST26 Management Dimension ASMB10-likVM (out-of-band/BMC AST26 Management Dimension Prover Supply 1 +1 Redundant 1600W 80 PLUS Platinun Environment Operation temperature: 10°C ~ 35°C	PC)
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Intel® Optane™ Persistent Memory 25668, 12868, 6468, 3268, 1668 *Please refer to www.asus.com for lates *P	est memory AVL update
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OS Support *Please find the latest OS support from https://www.asus.com/event/Server/OS Management Software Solution Out of Band Remote Management Management Dimension 800mm x 440mm x 88mm (2U) 31.50" x 17.22" x 3.46" Net Weight Kg (Barebone without packing) Gross Weight Kg (Barebone with pacling) 44 kg Power Supply (following different configuration by region) 1x Q-Code/Port 80 LED *Please find the latest OS support from https://www.asus.com/event/Server/OS ASUS Control Center (in-band) ASMB10-iKVM (out-of-band/BMC AST26) ASMB10-iKVM (out-of-band/BMC AST26) 45 Weight Kg (Barebone Without packing) 1 + 1 Redundant 1 + 1 Redundant 1 + 1 Redundant 1 + 1 Redundant 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2	1 x HDD Access LED
*Please find the latest OS support from https://www.asus.com/event/Server/OS *Management Software ASUS Control Center (in-band) *Out of Band Remote Management ASMB10-iKVM (out-of-band/BMC AST26) **Dimension 800mm x 440mm x 88mm (2U) **31.50" x 17.22" x 3.46" **Net Weight Kg (Barebone without packing) 34 kg **Gross Weight Kg (Barebone with pacling) 44 kg **Please find the latest OS support from https://www.asus.com/event/Server/OS **ASUS Control Center (in-band) **ASMB10-iKVM (out-of-band/BMC AST26) **31.50" x 17.22" x 3.46" **Net Weight Kg (Barebone without packing) 34 kg **Gross Weight Kg (Barebone with pacling) 44 kg **Please find the latest OS support from https://www.asus.com/event/Server/OS **ASUS Control Center (in-band) **ASMB10-iKVM (out-of-band/BMC AST26) **31.50" x 17.22" x 3.46" **Net Weight Kg (Barebone without packing) 31.50" x 17.22" x 3.46" **ASUS Control Center (in-band) **ASMB10-iKVM (out-of-band/BMC AST26) **31.50" x 17.22" x 3.46" **Net Weight Kg (Barebone without packing) 11.50" x 17.22" x 3.46" **ASUS Control Center (in-band) **ASUS Control Cen	
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Non operation temperature: -40°C ~ 70° Non operation humidity: 20% ~ 90% (No	0°C
	fusers need to install 4 x NVMe devices, please remove
·	2600) um Power Supply um Power Supply 0°C



