

ECA-5540C

5G Edge Server With 4th Gen Intel® Xeon® Scalable Processors



■ Features

- 4th/5th Gen Intel® Xeon® Scalable Processors
- Intel vRAN Boost Support (For 4th Gen Intel® Xeon® Scalable Processors Only)
- Ethernet Switch Integrated (Broadcom Hurricane3-MG) For 12x 10GbE SFP+
- Supports G.8272 T-GM Compliant IEEE 1588v2 SyncE, Onboard GPS
- Short Depth Chassis and Front I/O Design
- 16x DDR5 4800MHz RDIMM, Max. 1024GB
- 2x M.2 NVMe 2280
- 0 ~ 40°C Operating Temperature

■ Specifications

| Platform | |
|-----------------------|--|
| Form Factor | 1U 19" Rackmount |
| Processor Options | 4th/5th Gen Intel® Xeon® Scalable Processors (Codenamed Sapphire Rapids Edge Enhanced) |
| CPU Socket | 1x LGA 4677 socket type |
| Chipset | Emmisburg PCH |
| Security Acceleration | Yes (By CPU SKU) |
| BIOS | AMI SPI Flash BIOS |
| System Memory | |
| Technology | DDR5 4800 MHz RDIMM |
| Max. Capacity | 1024 GB |
| Socket | 16x 288pin DIMM |
| Networking | |
| Ethernet Ports | 1x GbE RJ45, 12x 10GbE SFP+ (BCM56172) |
| IEEE 1588 | Yes |
| GPS | Yes |
| LOM | |
| IO Interface | 1x LOM Port via BMC chip |
| OPMA Slot | Support AST2600 IPMI |
| I/O Interface | |
| Reset Button | 1 x Reset button (Default SW reset) |
| LED | Power/Status |
| Power Button | Yes |
| Console | 1 x RJ45 |
| USB | 2 x USB 3.0 |
| Display | Yes, MiniDP via IAC-AST2600 IPMI card. |

| Storage | |
|------------------------------|---|
| HDD/SSD Support | N/A |
| Onboard Slots | 2 x M.2 NVMe (PCIe) M Key (2280 & 2242) |
| Expansion | |
| PCIe | 1x FHHL Slot (PCIe*8) |
| Miscellaneous | |
| Watchdog | Yes |
| Internal RTC with Li Battery | Yes |
| TPM | Optional |
| Cooling | |
| Processor | Passive CPU Heatsink |
| System | 6x Smart Fans, Swappable |
| Temperature | SKU A: 0~40°C Operating -40~70°C Non-Operating |
| Humidity (RH) | 5~90% Operating 5~95% Non-Operating |
| System Dimensions | |
| (WxDxH) | 438x580x44 mm |
| Weight | 20.43 kg |
| Package Dimensions | |
| (WxDxH) | 739x582x215 mm |
| Weight | 21.93 kg |
| Power | |
| Type / Watts | 1600W AC PSU |
| Input | 110 -240V |

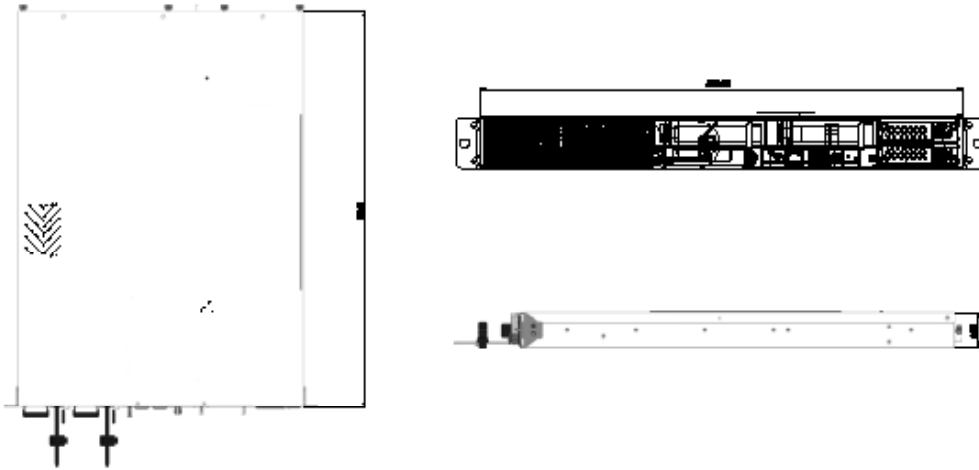
Product I/O View

Images are for reference only. See ordering information for SKU details.



- | | | |
|---------------------------|------------------------|----------------------------|
| A Dual Power Input | D Power On/Off | G VGA |
| B PCIe Slot | E MGT & Console | H I 12x 10 GbE SFP+ |
| C Reset | F USB 3.0 | J 6x Smart Fans |

Dimensions (WxDxH) 438 x 580 x 44 mm



Ordering Information

ECA-5540C 4th/5th Gen Intel® Xeon® Scalable Processors, 12x 10GbE SFP+, 1x FHHL Slot (PCIe*8)

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