

# ECA-5555

Multi-access Edge Computing Appliance With Intel Xeon 6 SoC



## Features

- Intel® Xeon® 6 SoC (Codename Granite Rapids D)
- Intel® vRAN Boost Accelerator/Media Transcode Accelerator Support
- 2x GbE RJ45 Ports, 8x 10G/25G SFP28 Ports, 2x 100G QSFP28 Ports
- Max. 512GB, DDR5 6400MHz RDIMM
- 1x RJ45 Console Port, 2x USB 3.0 Ports
- 2x M.2 NVMe 22110/2280
- Support For IEEE 1588 PTP, SyncE And Integrated GN55 For High-precision Timing Sync
- -40~55°C Operating Temperature Range
- Intel® QuickAssist Technology

## Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Xeon® 6 SoC
CPU Socket	N/A
Security Acceleration	Intel® QuickAssist Technology vRAN Boost Accelerator (SKU A/B/C) Media Transcode Accelerator (SKU D)
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 6400 MHz REG , RDIMM
Max. Capacity	512GB
Socket	4x 287-pin DIMM
Networking	
Ethernet Ports	SKU A/B: 2x 1GbE RJ45, 8x 10G/25G SFP28, 2x 100G QSFP28 SKU C/D: 2x 1GbE RJ45, 8x 10G/25G SFP28
IEEE 1588	Yes (SKU A/B/C)
GPS	Yes (SKU A/B/C)
IO Interface	1x LOM For IPMI
I/O Interface	
Reset Button	1
LED	Power/Status
Power Button	1
Console USB	1x RJ45 2x USB 3.0
Display	MiniDP (VGA Interface)
Storage	
HDD/SSD Support	N/A

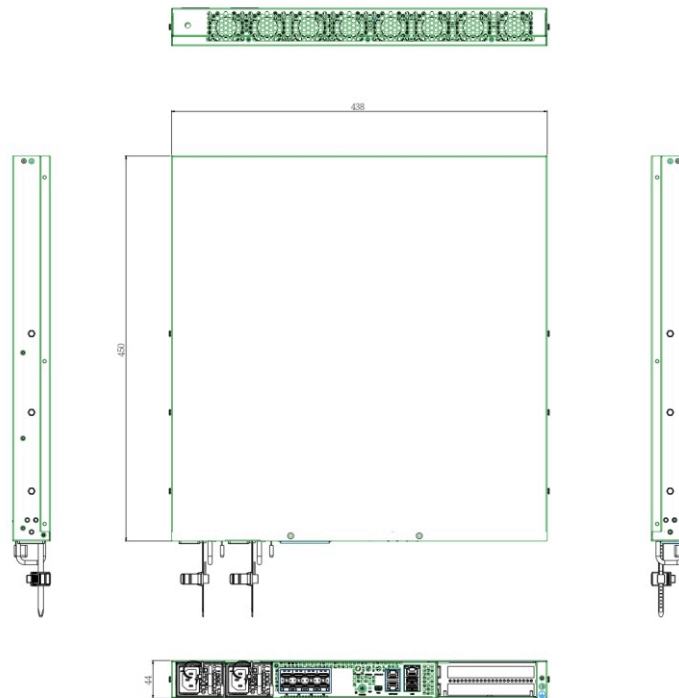
Onboard Slots	2x M.2 NVMe 22110/2280 M Key
Expansion	
PCIe	1 x PCIe*16 FHFL (Dual Width, Max 350W)
OCP3.0	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes
Cooling	
Processor	Passive CPU Heatsink
System	8x Smart Fans, Swappable
Temperature	0~55°C Operating (SKU A/C/D) -40~55°C Operating (SKU B) -40~70°C Non-operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 450 x 44 mm
Weight	13.74 kg
Package Dimensions	
(WxDxH)	739 x 582 x 215 mm
Weight	18.74 kg
Power	
Type / Watts	SKU A/C/D: 1200W AC PSU Or 1200W DC PSU (Optional) Input: AC: 90~264V@50~60 Hz SKU B: 1300W DC Open Frame Input: DC 45 ~ 57VDC
Input	DC 44~52V Dual Inlet
Certification	
Approvals And Compliance	CE/FCC

## Product I/O View



- A Power Input
- E Power Button
- I 1x Console
- B 8x 25G SFP28
- F Reset
- J 2x USB 3.0
- C 2x 100G QSFP28
- G MiniDP (VGA Interface)
- K PCIe Slot
- D GPS & PPS In/Out
- H MGT/LOM
- L 8x Smart Fans

## Dimensions (WxDxH) 438 x 450 x 44 mm



## Ordering Information

ECA-5555A	Intel® Xeon® 6 SoC 6726P-B, 42 Cores, 2x M.2 2280/22110 NVMe SSD, 2x 1GbE RJ45, 8x 25G SFP28, 100G QSFP28, 1x PCIe *16 FHFL, AC 1200W
ECA-5555B	Intel® Xeon® 6 SoC 6556P-B, 36 Cores, 2x M.2 2280/22110 NVMe SSD, 2x 1GbE RJ45, 8x 25G SFP28, 100G QSFP28, 1x PCIe *16 FHFL, DC-IN
ECA-5555C	Intel® Xeon® 6 SoC 6516P-B, 20 Cores, 2x M.2 2280/22110 NVMe SSD, 2x 1GbE RJ45, 8x 25G SFP28, 1x PCIe *16 FHFL, AC 1200W
ECA-5555D	Intel® Xeon® 6 SoC 6563P-B, 38 Cores, 2x M.2 2280/22110 NVMe SSD, 2x 1GbE RJ45, 8x 25G SFP28, 1x PCIe *16 FHFL, AC 1200W