

ECA-6050

2U Rackmount Edge Computing Platform With
Intel® Xeon® 6 Family Processor



■ Features

- Intel® Xeon® 6 Family (Sierra Forest-SP/Granite Rapids-SP)
- 8x DDR5 6400MHz RDIMM, Max. 1024GB System Memory
- 1x GbE RJ45, 1x RJ45 Console, 2x USB 3.0, 1x LOM (Via BMC), TPM 2.0
- 4x E1.S (Swappable), 4x FHFL (PCIe*16, Double Width, 600W), 1x FHHL (PCIe*16, Double Width, 150W), M.2 NVMe (PCIe) 2280/22110 M Key
- Intel® Quick Assist Technology

■ Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	Intel® Xeon® 6 Family (Codenamed Sierra Forest-SP/Granite Rapids-SP)
CPU Socket	1 x LGA 4710
Chipset	N/A
Security Acceleration	Intel® Quick Assist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 6400MHz RDIMM
Max. Capacity	1024 GB
Socket	8 x 287pin RDIMM
Networking	
Ethernet Ports	1 x GbE RJ45
LOM	
IO Interface	1 x LOM Port Via BMC Chip
OPMA Slot	Support AST2600 IPMI Module
I/O Interface	
Reset Button	1 x Reset Button
LED	Power/Status
Power Button	1 x Power Button
Console	1 x RJ45
USB	2 x USB 3.0
Display	Yes, MiniDP Via IAC-AST2600 IPMI Card
Storage	
E1.S Support	4 x E1.S (Swappable)
Onboard Slots	M.2 NVMe (PCIe) 2280/22110 M Key

Expansion	
PCIe	4 x FHFL (PCIe*16, Double Width, 600W) 1 x FHHL (PCIe*16, Double Width, 150W)
OCP3.0	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes
Cooling	
Processor	Passive CPU Heatsink
System	4 x smart fans, Swappable
Temperature	0~40°C Operating -40~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 760 x 88 mm
Weight	TBD
Package Dimensions	
(WxDxH)	TBD
Weight	TBD
Power	
Type / Watts	1600W Or 2700W CRPS AC/DC PSU
Input	AC 200~240V
Certification	
Approvals And Compliance	RoHS, CE/FCC Class A, UL

Product I/O View

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



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|------------------------|--|------------------|---|
| A Redundant PSU | D PCIe Slots (FHHL, Double Width, 150W) | G LOM/MGT | J 4x PCIe Slots (FHFL, Double Width, 600W) |
| B 4x Smart Fans | E Power Button | H VGA | |
| C E1.S | F Console | I USB | |

Dimensions (WxDxH) 438 x 760 x 88 mm

Ordering Information

ECA-6050A

Intel® Xeon® 6, 8x DDR5 RDIMM, 1x GbE RJ45, 1x RJ45 Console, 2x USB 3.0, 1x LOM, TPM 2.0, 4x E1.S, 4x FHFL (PCIe*16, Double Width, 600W), 1x FHHL (PCIe*16, Double Width, 150W), M.2 NVMe (PCIe) 2280/22110 M Key