

ECA-6051

2U 19" Modular Edge AI Server Platform Based On
Intel® Xeon® 6 Processor Scalable Family



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

■ Features

- Intel® Xeon® 6 Processor (P-core And E-core)
- 8x DDR5 6400MHz/8000MHz RDIMM, Max. 768GB System Memory
- 2x PCIe*16 FHFL, 1x PCIe*16 FHHL Or 1x PCIe*16 LP (By SKU)
- 1x GbE RJ45, 1x USB 3.0
- 2x M.2 NVMe (PCIe), 2x E1.S NVMe
- 6x Smart Fans, 1600W 1+1 ATX PSU
- NVIDIA-Certified System (For Industrial Edge)

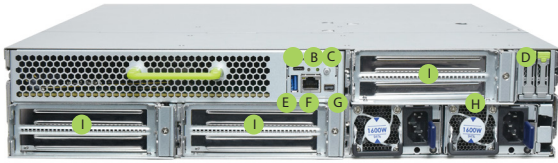
■ Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	Intel® Xeon® 6 Processor
CPU Socket	1x LGA 4710
Chipset	N/A
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 6400MHz REG RDIMM (Sierra Forest-SP CPU) DDR5 8000MHz REG RDIMM (Granite Rapids-SP)
Max. Capacity	768GB
Socket	8x 288pin DIMM
Networking	
Ethernet Ports	1x GbE RJ45 MGMT (i210)
LOM	
IO Interface	NCSI To i210
OPMA Slot	N/A
I/O Interface	
Reset Button	N/A
LED	Power/Status
Power Button	Yes
Console	1x Type-C
USB	1x USB 3.0
Display	MiniDP (VGA Signal)
Storage	
HDD/SSD Support	2x E1.S NVMe

Onboard Slots	2x M.2 NVMe (PCIe)
Expansion	
PCIe	(SKU A) 2x PCIe*16 FH 3/4L (Double Width) 1x PCIe*16 FHHL
	(SKU B) 1x PCIe*16 FH3/4L (Double Width) 1x PCIe*16 LP
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes, Onboard
Cooling	
Processor	Passive CPU Heatsink
System	6x Smart Fans
Temperature	0~40°C Operating -40~70°C Non-Operating
Humidity (RH)	5~95% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 420 x 88 mm
Weight	17 Kg
Package Dimensions	
(WxDxH)	700 x 603 x 285 mm
Weight	20.93 Kg
Power	
Type / Watts	1600W 1+1 ATX PSU
Input	200-240 VAC , 9.5A 50Hz ~ 60Hz
Certification	
Approvals And Compliance	CE/FCC Class A, UL, CB

Product I/O View

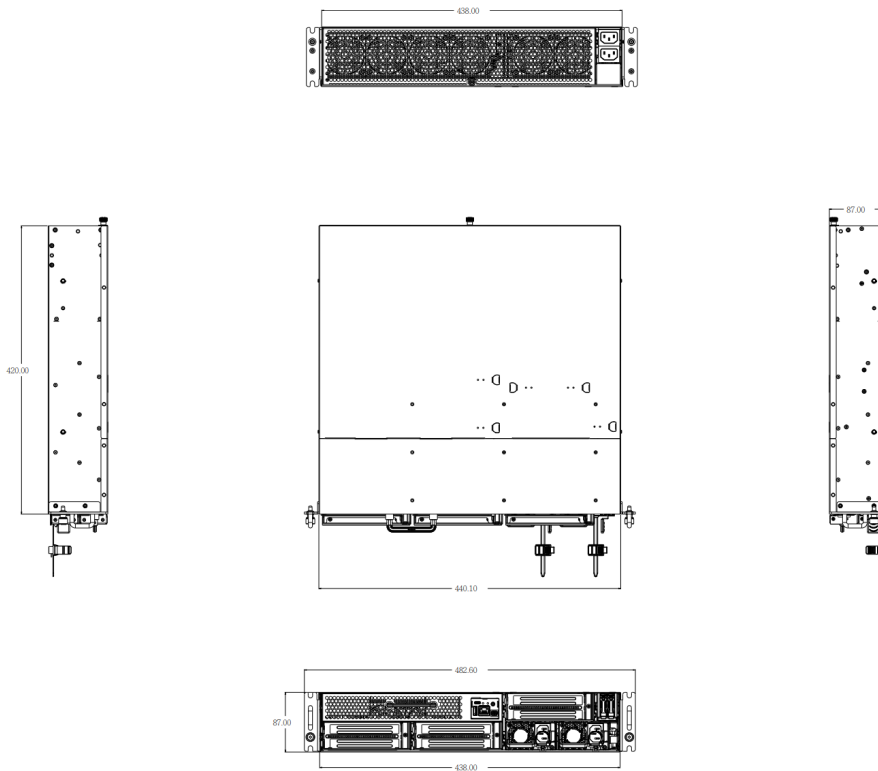
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- A Console Port
- B LED
- C Power Button
- D E1.S
- E USB Port

- F MGMT
- G MiniDP Port
- H Power Supply Units
- I PCIe Slots
- J Smart Fans

Dimensions (WxDxH) 438 x 420 x 88 mm



Ordering Information

ECA-6051A	Intel® Xeon® 6 Processor Scalable Family, 3x PCIe Card Extension Support (2x FH3/4L, 350W, 1x FHHL Double Width), 2x E1.S, 1600W 1+1 ATX PSU
ECA-6051B	Intel® Xeon® 6 Processor Scalable Family, 2x PCIe Card Extension Support (1x FH3/4L, 350W, 1x LP), 2x E1.S, 1600W 1+1 ATX PSU

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