

ECA-6051

2U 19" Modular Edge AI Server Platform Based On NVIDIA MGX Architecture



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

Features

- NVIDIA Grace™ Hopper CPU Or Intel® Xeon®6 Processor
- 8x DDR5 6400MHz RDIMM, Max. 1536GB System Memory
- 1x GbE RJ45, 1x RJ45 Console, 1x USB 3.0
- 2x M.2 NVMe (PCIe), 2x Or 1x PCIe*16 FH 3/4L (By SKU), 1x PCIe*16 FHHL Or 1x PCIe*16 LP
- 6x Smart Fans, 1600W AC CRPS PSU

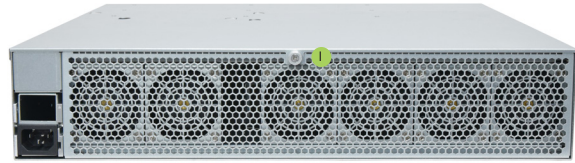
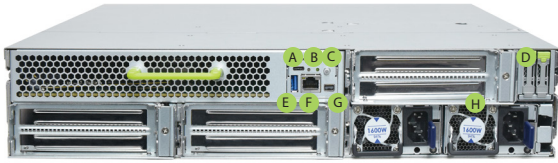
Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	NVIDIA Grace Arm Neoverse V2 Or 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
Max. Capacity	1536GB
Socket	8x 288pin DIMM
Networking	
Ethernet Ports	1x GbE RJ45 MGMT (i210)
LOM	
IO Interface	NCSI To i210
OPMA Slot	Yes (SFF-TA-1002)
I/O Interface	
Reset Button	Yes
LED	Power/Status/Storage
Power Button	1x ATX Power Switch
Console	1x RJ45
USB	1x USB 3.0
Display	MiniDP (VGA Signal)
Storage	
HDD/SSD Support	2x E1.S
Onboard Slots	2x M.2 NVMe (PCIe Gen5*4) 22110
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
OCP3.0	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes, IAC-TPM04A Module
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	TBD
Package Dimensions	
(WxDxH)	TBD
Weight	TBD
Power	
Type / Watts	1600W AC CRPS PSU
Input	AC 90~264V @47~63Hz
Certification	
Approvals And Compliance	RoHS, CE/FCC Class A, UL, NEBS (Level 3)

Product I/O View

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



- A Console Port
- B LED
- C Power Button
- D E1.S
- E USB Port
- F MGMT
- G MiniDP Port
- H Power Supply Units
- I Smart Fans

Dimensions (WxDxH) 438 x 420 x 88 mm

Ordering Information

ECA-6051A	Intel Sierra Forest SP, 3x PCIe Card Extension Support (2x FH3/4L, 350W, 1x FHHL Double Width), 2x E1.S, 1600W AC PSU
ECA-6051B	Intel Sierra Forest SP, 2x PCIe Card Extension Support (1x FH3/4L, 350W, 1x LP), 2x E1.S, 1600W AC PSU

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V1-2024.06.17

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