

EAC-70N

Fanless Embedded Edge AI System with
NVIDIA® Jetson Orin™ AGX



Features

- Powered by NVIDIA® Jetson Orin™ AGX Module
- Multiple I/O interface connections for data collection
- GbE LAN, USB 3.2, Series Ports, CAN-FD, HDMI
- Wide range power input 9 ~ 36 VDC

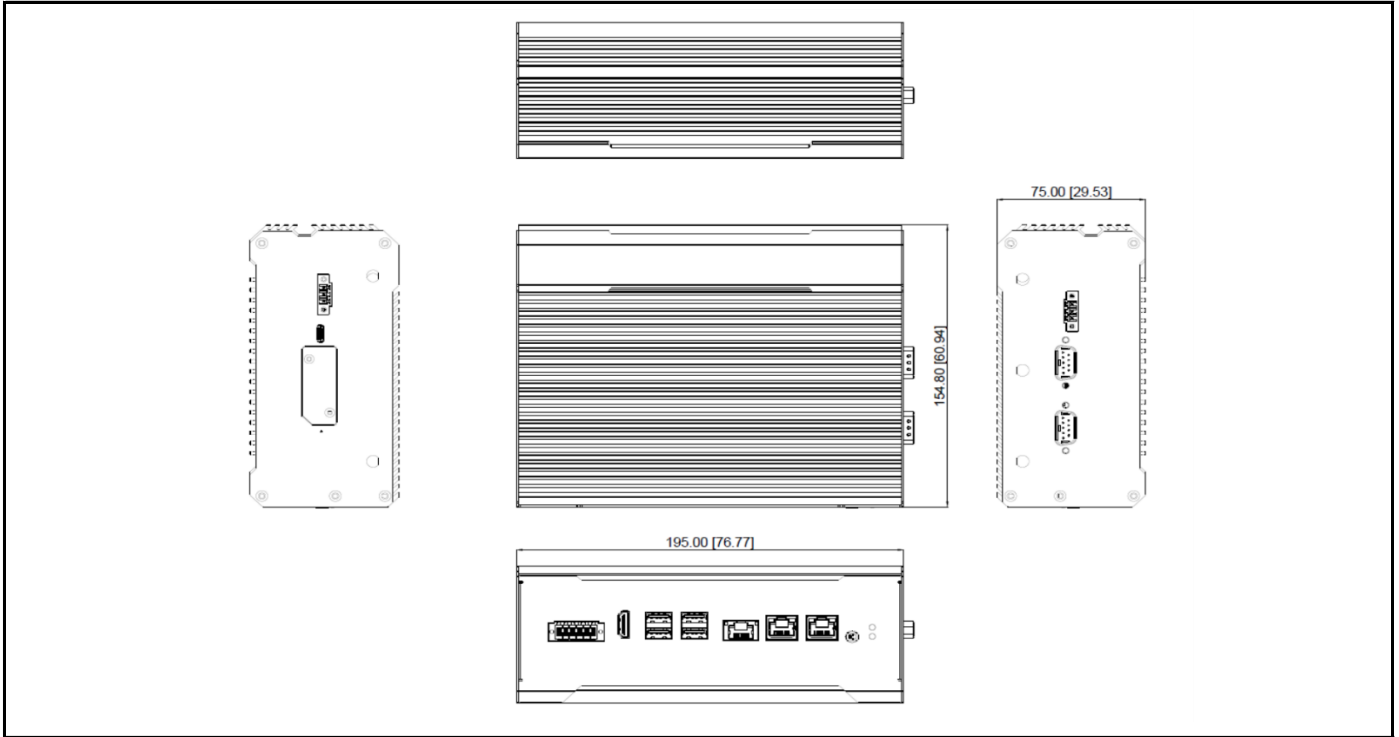
Specifications

System	
CPU/GPU	NVIDIA® Jetson Orin™ AGX NVIDIA 8/12-core Arm® Cortex®-A78AE v8.2
Memory	32/64 GB 256-bit LPDDR5 DRAM
Storage	1 x M.2 M-Key 2280, support NVMe
Real time clock	Yes
Indicators	1 x LED indicator (Power)
Wireless	1 x M.2 E-Key 2230 1 x M.2 B-Key 3052
Operating System	Linux (NVIDIA JetPack 5.1.2 and above)
Power Supply	
Power Requirement	9 ~ 36 VDC
Power Consumption	TBD
MTBF (Hours)	--
Environmental and Mechanical	
Dimension	195 x 155 x 75 mm (7.67" x 6.1" x 2.95")
Weight	TBD
Mouting/Installation	Wall Mount
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 176 °F)
Operating Humidity	10% ~ 95% relative humidity, non-condensing
Certification	
Regulations	CE, FCC
Carrier	Planning

Interface	
Serial Port	2 x RS-232/422/485 switchable, Terminal Block
CAN Bus	1 x CAN Bus, 3-pin Terminal Block
Ethernet	2 x GbE LAN, RJ45 1 x 10GbE LAN, RJ45
USB	4 x USB 3.2 Gen1, Type-A 1 x USB 3.2 Gen1, Type C
DI/DO	8 x Alarm I/O
AI/AO	--
Display	1 x HDMI 2.0-Out
Power Connector	3-pin Terminal Block
Debug Port	1 x Micro USB for console
Expansion Slot	1 x SIM card slot 1 x PCIe x8 Connector 1 x MIPI CSI-2 Connector
Other Interface	--

Dimension

Unit: mm / inch



Ordering Information

Packing List

- 1 x EAC-70N AI BOX
- 1 x 3-pin Terminal Block Connector
- 1 x 12-pin Terminal Block Connector
- 1 x Wall Mount

Part Number

TBD