

AI Inference / DeviceEdge

Jetson System AN110-NAO-EN70/ AN110-XXN-EN70



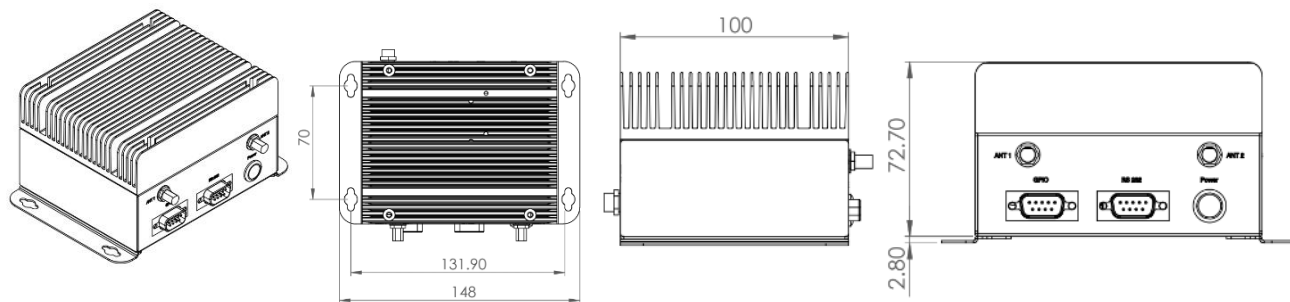
Features

- Support NVIDIA Jetson Module at Jetson Nano and Jetson Xavier NX
- 12VDC power input
- Buid-in 1 x GbE LAN port
- Support M.2 E-key 2230 for Wifi/BT Function
- Operating temperature range from -20°C~55°C

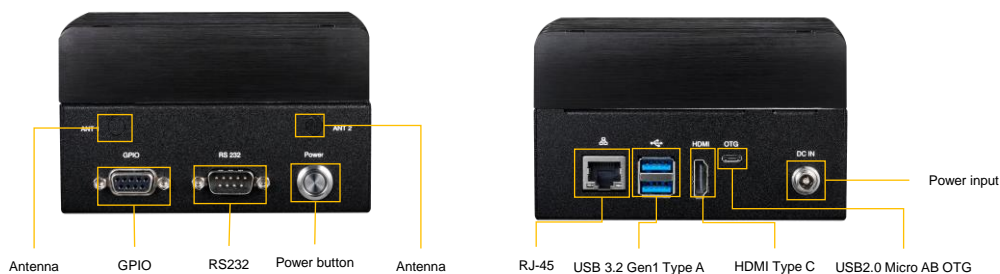
Specifications

Model Number	AN110-NAO-EN70	AN110-XXN-EN70
Module Compatibility	NVIDIA Jetson Nano	NVIDIA Jetson Xavier NX 8G / 16G
Storage	16GB eMMC 5.1 Flash	
Display	1 x HDMI 2.0 Type A	
Audio	HDMI Integrated	
LAN	1 x RJ-45 GbE Port	
USB	2 x USB 3.2 Gen1 Type A 1 x USB2.0 Micro AB OTG	
I/O Interfaces	5 x GPIO, 1 x RS-232	
Expansion	1 x M.2 E Key 2230 (BT/WIFI) 1 x MicroSD card slot	
MISC. Function	1 x Power Button	
Power Input /Connector	12VDC / DC Jack 4pin	
Power Consumption	Idle: 1.098W (Connect With Keyboard, Mouse and HDMI Display) Full Loading: 17.061W (Connect with keyboard, mouse and HDMI display with CPU and GPU 100% loading)	
Dimension(Wx Dx H)	120 x 72.5 x 100mm	
Mounting	Din Rail (Optional)	
Net Weight	880g	
Vibration	1 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis	
Shock	10 G, IEC 60068-2-27, half sine, 11 ms duration	
Temperature	Operating Temperature: -20°C ~ +55°C Storage Temperature: -40°C ~ +85°C	
Humidity	5 to 90% @ 40°C Related Humidity, Non-condensing	
OS Support	Ubuntu 18.04	
Certification	CE/FCC Class A	

System & Mounting Dimensions



I/O Mechanical Layout



Ordering Information

Model name	Description
AN110-NAO-EN70	AN110 + Nano Module + CHASSIS + Power Adapter -20°C to +55°C
AN110-XNX-EN70	AN110 + NX Module + CHASSIS + Power Adapter -20°C to +55°C

Packing List

Part No.	Description
53-0F0000-0002	Power Adapter, 100-240V power input, 60W power output with 12VDC/5A
7W8000000040	US Power Cord SVT 18AWG Cable 1800mm Black 105 °C
7W8000000050	EU Power Cord H05VV-F 0.75mm2/3G SL-6+SL-3 Cable 1800mm Black
9Z3BC0000020	100-240V 60W 12V 5A Adapter

Peripheral (Optional)

<https://www.aetina.com/wp-content/uploads/Datasheet/Aetina%20Peripherals%20List%20for%20Jetson%20Platforms%26Systems.pdf>

