

AI Inference / DeviceEdge

Jetson System AX720-X32-BN70/ AX720-X64-BN70



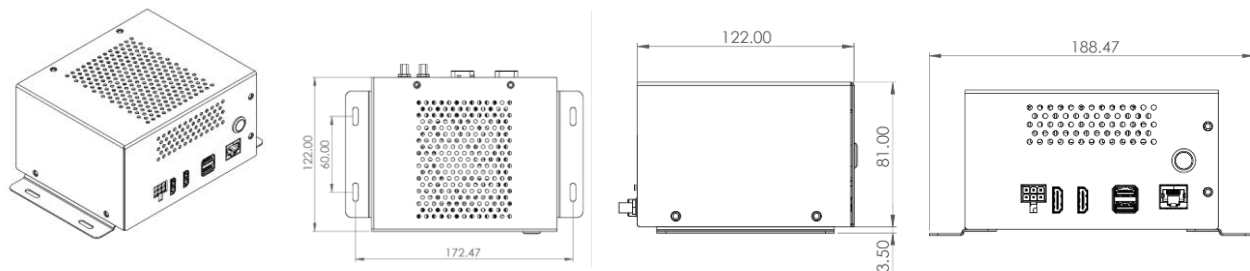
Features

- Support NVIDIA Jetson Module at Jetson AGX Xavier.
- 9 to 19VDC power input
- 1 x GbE LAN port
- Built-in M.2 M key 2280 and support M.2 E key 2230 for Wifi/BT Function
- 2 x USB 3.2 Gen1 for Type A, 1 x USB 3.2 Gen2 for Type C and 1 x USB 2.0 Micro AB for OTG
- Operating temperature range from -20°C~70°C

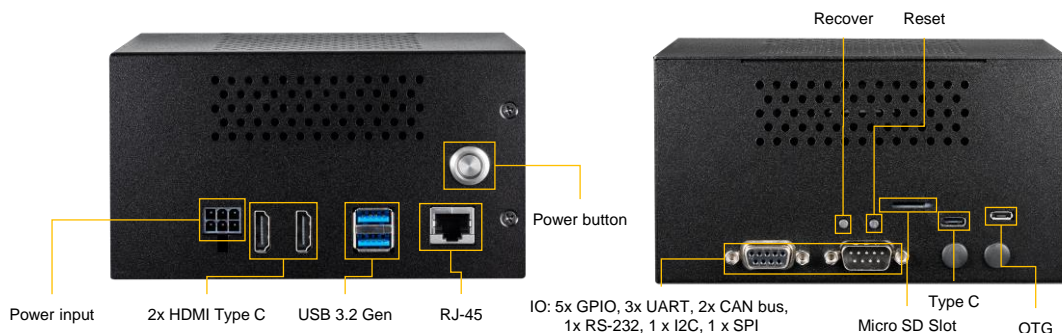
Specifications

Model Number	AX720-X32-BN70	AX720-X64-BN70
Module Compatibility	NVIDIA Jetson AGX 32G / 64G	
Storage	32GB eMMC 5.1 Flash	
Display	2 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 USB 3.2 Gen2 Type C 1 x USB 2.0 Micro AB OTG	
I/O Interfaces	5 x GPIO, 3 x UART, 2 x CAN bus, 1 x RS-232, 1 x I2C, 1 x SPI	
Expansion	1 x M.2 M Key 2280 1 x M.2 E Key 2230 : Wifi/BT GPS Function	
MISC. Function	1 x Power Button 1 x Recovery Button 1 x Reset Button	
Power Input /Connector	9 to 19VDC / 6 pin ATX power connector	
Dimension(Wx Dx H)	147 x 122 x 81mm	
Mounting	Din Rail (Optional)	
Net Weight	1240g	
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 ~ +70°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
AX720-X32-BN70	AX720 + 32G Xavier™ Module + FAN + Cable Kit + CHASSIS + Power Adapter and US Power Cord - 20°C to +70°C
AX720-X64-BN70	AX720 + 64G Xavier™ Module + FAN + Cable Kit + CHASSIS + Power Adapter and US Power Cord - 20°C to +70°C

Packing List

Part No.	Description
59-CAX720-0000	BOX+EPE BAG+POWER ADAPTER
53-0F0000-0004	Adapter 100-240V 120W 19V 6.32A
9Z3D10000010	100-240V 120W Power Adapter
7W9000000040	AX720 Cable kit (CAN bus / UART / RS232 / Front panel / GPIO / I2C)
32-010000-0005	US Power Cord SVT 18AWG Cable 1800mm
or	Black 105 °C
32-010000-0006	EU Power Cord H05VV-F 0.75mm2/3G SL-6+SL-3 Cable 1800mm Black

Peripheral (Optional)

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

