

AI Inference / DeviceEdge

Jetson System AT017-NAO-EN70/ AT017-XNX-EN70



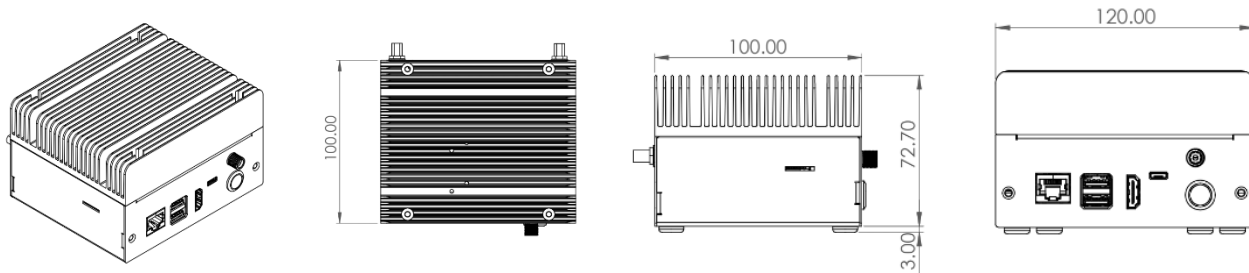
Features

- Support NVIDIA Jetson Module at Jetson Nano and Jetson Xavier NX
- 12VDC power input
- Buid-in 1 x GbE LAN
- Built-in M.2 E-key 2230 and support 1 x mPCIe (only support mSATA)
- Operating temperature range from -20°C~50 °C

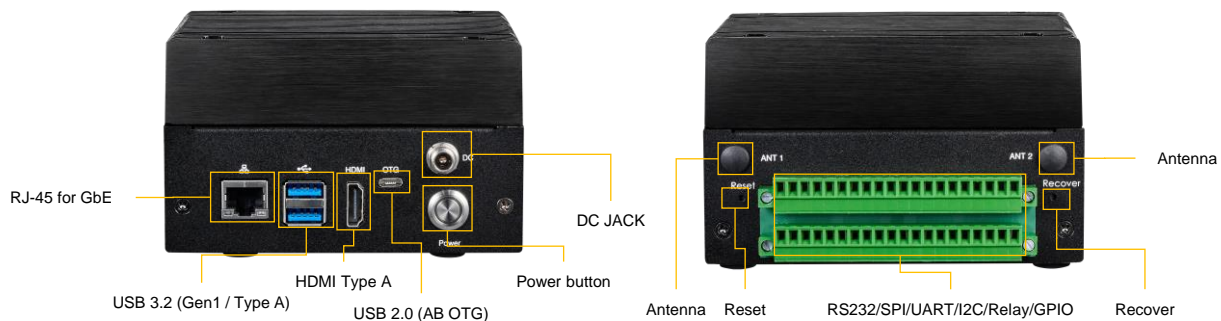
Specifications

Model Number	AT017-NAO-EN70	AT017-XNX-EN70
Module Compatibility	NVIDIA Jetson Nano	NVIDIA Jetson Xavier NX 8G
Storage	16GB eMMC 5.1 Flash	
Display	1 x HDMI 1.4 with micro HDMI D Type connector	
Audio	HDMI Type A	
LAN	1 x RJ-45 for GbE Port	
USB	2 x USB3.2 Gen1 Type A 1 x USB2.0 Micro AB OTG	
I/O Interfaces	8 x GPIO, 1 x UART, 1 x RS-232, 1 x I2C, 1x SPI, 2 x Relay	
Expansion	1 x M.2 E Key 2230 : Wifi/BT GPS Function 1 x mPCIe(Only Support mSATA)	
MISC. Function	1 x Power Button 1 x Recovery Button 1 x Reset Button	
Power Input /Connector	12VDC / DC Jack	
Dimension(Wx Dx H)	120 x 72.5 x 100mm	
Mounting	NA	
Net Weight	800g	
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 ~ +50°C Storage Temperature: -40°C ~ +85°C	
Humidity	5 to 90% @ 40°C Related Humidity, Non-condensing	
Certification	CE/FCC Class A	

System & Mounting Dimensions



I/O Mechanical Layout



Ordering Information

Model name	Description
AT017-NAO-EN70	AT017+NANO MODULE+POWER ADAPTER+HEATSINK+CHASSIS -20~55°C
AT017-XXN-EN70	AT017+NX MODULE+POWER ADAPTER+HEATSINK+CHASSIS -20~55°C

Packing List

Part No.	Description
53-0F0000-0002	Power Adapter 100-240V 60W 12V 5A

Peripheral (Optional)

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

