

AI Inference / DeviceEdge

Jetson System AIE-KN13/AIE-KN23



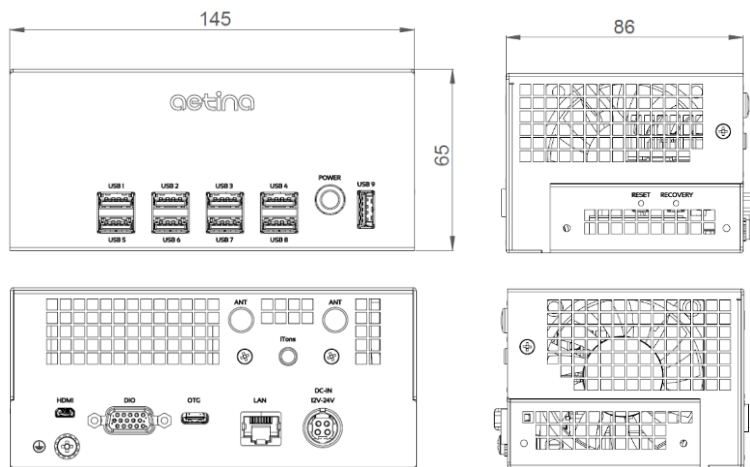
Features

- Support NVIDIA Jetson Module at Jetson Xavier™ NX.
- DC 12~19V power input.
- 1 x GbE LAN port.
- Built-in M.2 M-key 2242 NVMe 128G SSD and support M.2 E-key 2230 for Wifi/BT Function
- 9 x USB for Type A and 1 x USB for Type C (OTG only).
- Operating temperature range from -20°C~60°C.
- Small size and lightweight design.

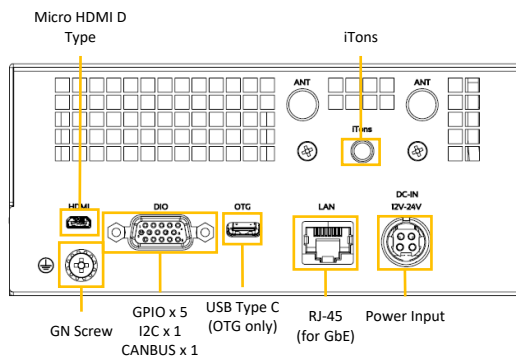
Specifications

Model Number	AIE-KN13	AIE-KN23
Module Compatibility	Nvidia Jetson Xavier NX 8G / 16G	
Storage	16GB eMMC 5.1 Flash	
Display	1 x HDMI 2.0 With Micro HDMI D Type Connector	
Audio	HDMI Integrated	
LAN	1 x RJ-45 For GbE	
USB	9 x USB 3.2 Gen1 Type A 1 x USB Type-C (OTG Only)	
I/O Interfaces	5 x GPIO, 1x UART, 1x I ² C, 1x CAN Bus	
Expansion	1 x M.2 M-key 2242 : Nvme 128G SSD (Build-in) 1 x M.2 E-key 2230 : Wifi/BT Function	
MISC. Function	1 x AI Button (iTons) 1 x Power Button 1 x Recovery Button 1 x Reset Button 2 x Antenna (Optional)	
Power Input / Connector	DC-in 12V~19V / DC Jack 4pin	
Dimension(W x D x H)	145 x 86 x 65mm	
Mounting	VESA Mount / Din Rail	
Net Weight	<700g	
Temperature	Operating Temperature: -20°C ~ +60°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
AIE-KN13-1-A1	With Jetson Xavier NX 8G including DB15 Cable, 128G SSD, -20°C to +50°C
AIE-KN23-1-A1	With Jetson Xavier NX 16G including DB15 Cable, 128G SSD, -20°C to +50°C

Packing List

Part No.	Description
43-0Z0000-0000	Safety Manual
32-010000-0005	US POWER CORD
32-010000-0006	EU POWER CORD
	*Select one according to use of territory
53-0F0000-0003	Power Adapter 90~264V 60W 12V 5A BLACK - 30~70°C
32-050000-000A	HDMI TYPE-D MALE TO TYPE-A FEMALE CABLE 100mm +/-8mm BLACK
32-050000-0025	I/O CABLE (UART+I2C+GPIO+CANBUS)
35-0A0000-0001	Mounting Bracket 118*118*2.5mm AL5052 Gray

Accessory (Optional)

Part No.	Description
55-AMINIS-Z000	Mini Series Din Rail Kit Assy

