

Jetson Platform

AIB-MO22/MO32-S2

AIB-MN32/MN42-S2

USER MANUAL

RDocument Change History

Version	Date	Description
V1.0	2026/04/01	Initial Release
V1.1	2026/07/06	Hardware Definition & Alignment: - Clarified button definitions: S1 as Reset Button, S2 as Recovery Button. - HDMI version wording: MO22/MO32 models: HDMI Type A (HDMI 1.4) - MN32/MN42 models: HDMI Type A (HDMI 2.0)
V1.2	2026/08/31	Updated CN7 pin definition: Corrected RS485+ and RS485- signals from Pin 11 & 13 to Pin 15 & 17

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Version 1.0

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Contact your distributor, sales representative, or Aetina's customer service center for technical support if you need additional assistance. Please have the following information ready before you call:

- Product name and serial number
- Description of your peripheral attachments
- Description of your software (operating system, version, application software, etc.)
- A complete description of the problem
- The exact wording of any error messages

Visit the Aetina website at <https://www.Aetina.com/support-warranty-policy.php> where you can find the latest information about the product.

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Product Warranty (2 years)

Aetina warrants to you, the original purchaser, that each of its products will be free from defects in materials and workmanship for two years from the date of purchase.

This warranty does not apply to any products which have been repaired or altered by persons other than repair personnel authorized by Aetina, or which have been subject to misuse, abuse, accident or improper installation. Aetina assumes no liability under the terms of this warranty as a consequence of such events.

Because of Aetina's high quality-control standards and rigorous testing, most of our customers never need to use our repair service. If an Aetina product is defective, it will be repaired or replaced at no charge during the warranty period. For out of warranty repairs, you will be billed according to the cost of replacement materials, service time and freight. Please consult your dealer for more details.

If you think you have a defective product, follow these steps:

1. Collect all the information about the problem encountered. (For example, CPU speed, Aetina products used other hardware and software used, etc.) Note anything abnormal and list any onscreen messages you get when the problem occurs.
2. Call your dealer and describe the problem. Please have your manual, product, and any helpful information readily available.
3. If your product is diagnosed as defective, obtain an RMA (return merchandise authorization) number from your dealer. This allows us to process your return more quickly.
4. Carefully pack the defective product, a fully-completed Repair and Replacement Order Card and a photocopy of the proof of purchase date (such as your sales receipt) in a shippable container. A product returned without proof of the purchase date is not eligible for warranty service.
5. Write the RMA number visibly on the outside of the package and ship it prepaid to your dealer.

ESD Warning

This product, like all electronic products, uses the product that can be damaged by electrostatic discharge (ESD). When handling, care must be taken so that the devices are not damaged. Damage due to inappropriate handling is not covered by the warranty. The following precautions must be taken:

- Do not open the protective conductive packaging until you have read the following and are at an approved anti-static workstation.
- If working on a prototyping board, use a soldering iron or station that is marked as ESD-safe.
- Always disconnect the product from the prototyping board when it is being worked on.
- Always discharge yourself by touching a grounded bare metal surface or approved anti-static mat before picking up an ESD - sensitive electronic component.
- Use an approved anti-static mat to cover your work surface.

Safety Precautions

Please read the following safety instructions carefully. It is advised that you keep this manual for future references:

1. All cautions and warnings on the equipment should be noted.
2. Make sure the power source matches the power rating of the device.
3. Position the power cord so that people cannot step on it. Do not place anything over the power cord.
4. For plug-in equipment, the power outlet socket must be located near the equipment and must be easily accessible.
5. Disconnect this equipment from any AC outlet before cleaning. Use a damp cloth. Do not use liquid or spray detergents for cleaning.
6. Always completely disconnect the power before working on the system's hardware.
7. Keep this equipment away from humidity.
8. Put this equipment on a reliable surface during installation. Dropping it or letting it fall may cause damage.
9. The openings on the enclosure are for air convection. Protect the equipment from overheating. **DO NOT COVER THE OPENINGS.**
10. Be sure that the room in which you choose to operate your system has adequate air circulation. Ensure that the chassis cover is secure.
11. The chassis design allows cooling air to circulate effectively. An open chassis permits air leaks, which may interrupt and redirect the flow of cooling air from internal components.
12. Never pour any liquid into an opening. This may cause fire or electrical shock.
13. If the equipment is not used for a long time, disconnect it from the power source to avoid damage by transient overvoltage.
14. Never open the equipment. For safety reasons, the equipment should be opened only by qualified service personnel.
15. If any of the following situations arises, please the contact our service personnel:
 - Damaged power cord or plug
 - Liquid intrusion to the device
 - Exposure to moisture
 - Device is not working as expected or in a manner as described in this manual
 - The device is dropped or damaged
 - vi. Any obvious signs of damage displayed on the device

Contents

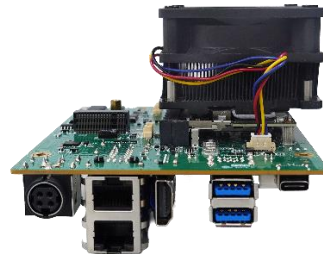
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1. Introduction

AIB-MO22/AIB-MO32-S2 and AIB-MN32/AIB-MN42-S2 series support NVIDIA Jetson Orin Nano and NX series modules. These platforms support Standard and Super Mode configurations with the updated hardware design, and you can quickly emulate the functionality of your desired end product for software development and hardware verification.

To build a functional prototype of your target system you will need:

- NVIDIA Jetson Orin Nano 4/8GB & Orin NX 8/16GB module
- Carrier board
- Power adaptor



1.1 Features

- Supports NVIDIA Jetson Orin Nano 4/8GB and Orin NX 8/16GB
- Storage supports M.2 2242 (NVMe 128GB built-in)
- 1 x M.2 B-Key 3042/3052 slot
- 1 x M.2 E-Key 2230 slot
- 2 x RJ-45 GbE Port
- Wide Input Voltage Range 12 to 24 VDC
- Operating Temperature -25°C ~ +80°C
- Supports OOB (out-of-band) powered by Innodisk (optional)

1.2 Specifications

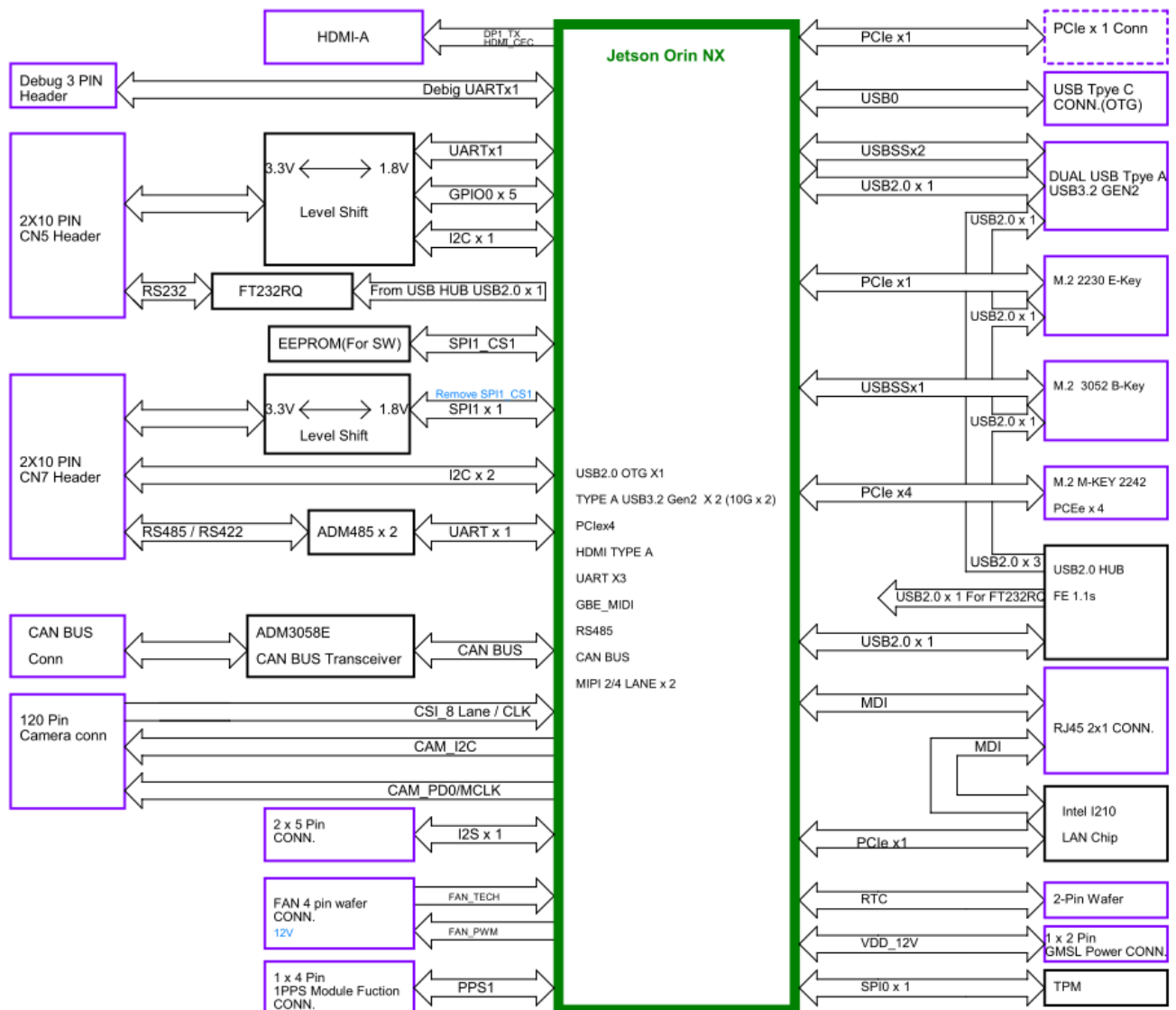
■ Carrier board specifications

Specification	AIB-MO22-S2	AIB-MO32-S2	AIB-MN32-S2	AIB-MN42-S2
Module Compatibility	Nvidia Jetson Orin Nano 4GB	Nvidia Jetson Orin Nano 8GB	Nvidia Jetson Orin NX 8GB	Nvidia Jetson Orin NX 16GB
AI Performance	34 TOPS	67 TOPS	117 TOPS	157 TOPS
GPU	512 Core NVIDIA Ampere, with 16 Tensor Cores	1024 Core NVIDIA Ampere, with 32 Tensor Cores	1024 Core NVIDIA Ampere, with 32 Tensor Cores	
CPU	6-core Arm® Cortex®-A78AE v8.2 64-bit 1.5MB L2 + 4MB L3		6-core Arm® Cortex®-A78AE v8.2 64-bit 1.5MB L2 + 4MB L3	8-core Arm® Cortex®-A78AE v8.2 64-bit 2MB L2 + 4MB L3
Memory	4GB 64-bit LPDDR5 51 GB/s	8GB 128-bit LPDDR5 68 GB/s	8GB 128-bit LPDDR5 102.4 GB/s	16GB 128-bit LPDDR5 102.4 GB/s
Storage	1 x M.2 M-Key 2242 (NVMe 128GB built-in)			
Display	1 x HDMI Type A (HDMI1.4)		1 x HDMI Type A (HDMI 2.0)	
Audio	Line-out/Line-in/Mic (optional with daughter board)			
Camera Input	1 x 8-Lane MIPI Expansion Connector (120-Pin) Supports GMSL and MIPI cameras (pre-built drivers required) *Refer to Peripheral List			
LAN	2 x RJ-45 GbE Ports			
TPM	TPM 2.0			
RTC	RTC Battery BR2032			
USB	2 x USB 3.2 Gen2 Type-A (supports up to 10Gbps shared) 1 x OTG Type-C			
I/O Interfaces	5 x GPIO, 1 x SPI, 1 x I²S, 3 x I²C, 1 x UART, 1 x UART (Debug Only), 1 x RS-232, 1 x CAN (Isolation; supports CAN FD), 1 x RS-422/485, 1 x Micro SIM Card Slot			
Expansion	1 x M.2 B-Key 3042/3052 (LTE/4G/5G) 1 x M.2 E-Key 2230 (WiFi/BT) 1 x M.2 M-Key 2242 (NVMe 128GB built-		1 x M.2 B-Key 3042/3052 (LTE/4G/5G) 1 x M.2 E-Key 2230 (WiFi/BT) 1 x M.2 M-Key 2242 (NVMe 128GB built-	

	in; PCIe x4 Gen3)	in; PCIe x4 Gen4)
MISC. Function	1 x Recovery/Reset Button	
Power Consumption	Idle: 5.5 W	Idle: 6.4 W
	Full Loading: 35.45 W	Full Loading: 52* W
	Idle configuration: Connect with Keyboard, Mouse and HDMI Display Full Loading configuration: Connect with Keyboard, Mouse, HDMI Display and LAN with CPU and GPU 100% Loading	
Power Input/ Connector	DC-in 12-24 VDC/4-Pin DC Jack Power Connector	
Dimension (W x D x H)	120 x 100 x 36.56 mm (4.73 x 3.94 x 1.43 in) without Fansink 120 x 100 x 77.41 mm (4.73 x 3.94 x 3.43 in) with Fansink	
Net Weight	146g (0.32 lb) without Fansink 300g (0.66 lb) with Fansink	
Temperature	Operating Temp.: -25°C ~ +80°C (-13° F ~ +176°F) Storage Temp.: -40°C ~ +85°C (-40° F ~ +185°F) With full CPU+GPU stressing: System non-throttling at 70C with 40W (MAXN Mode)	
Humidity	95% @ 40°C (104°F) (non-condensing)	
Software Support	Linux (Support NVIDIA JetPack 6.2 and above)	
Certification	CE/FCC Class A/UKCA	

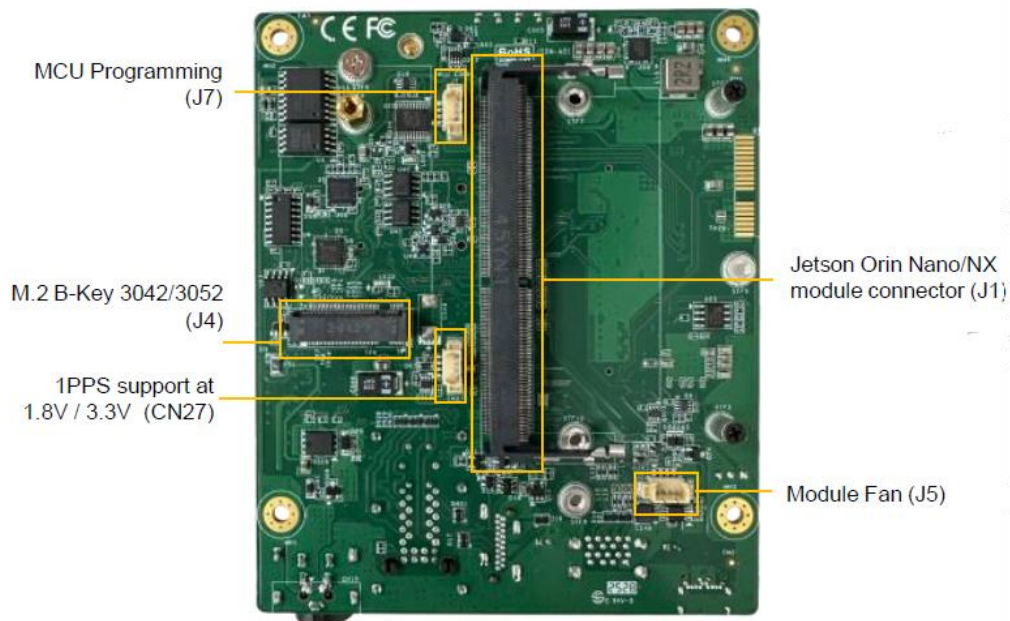
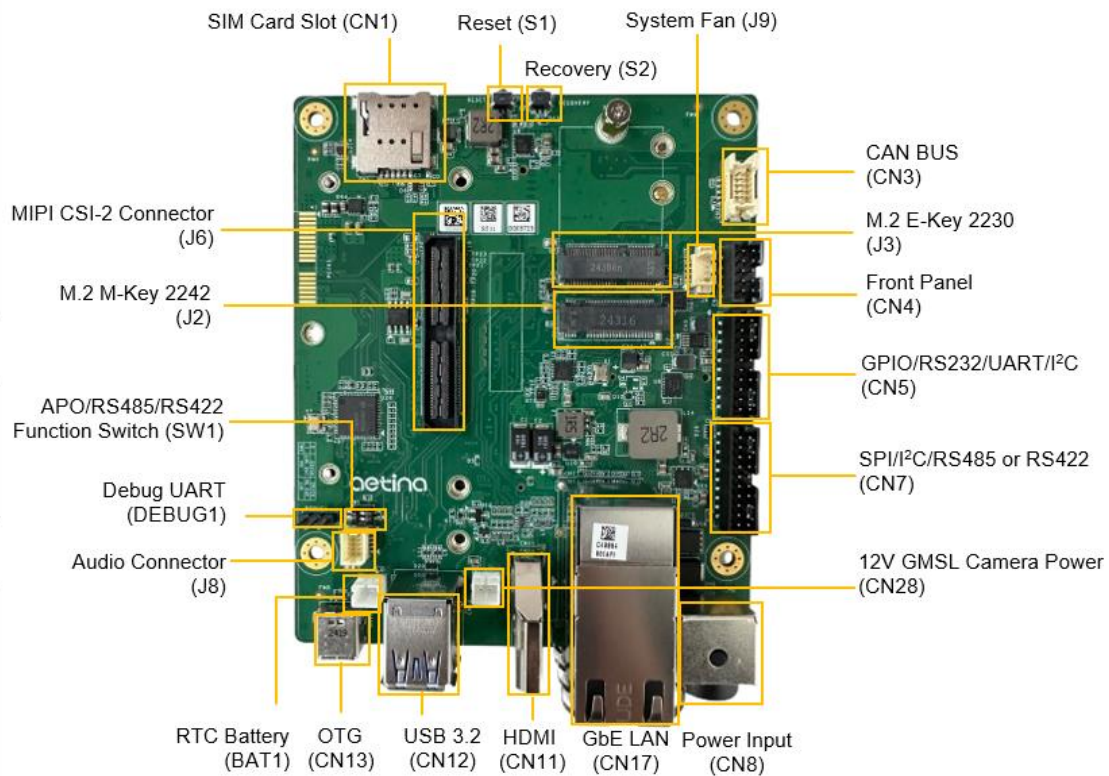
2. Hardware Information

2.1 Block Diagram

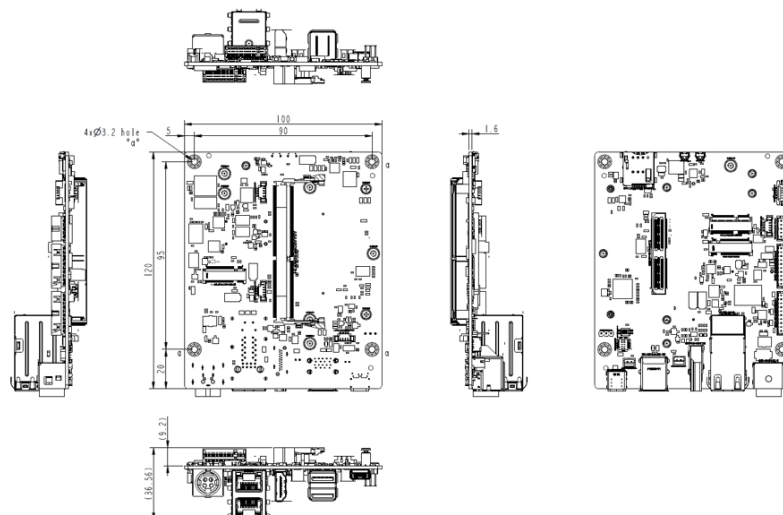


AIB-MO22/32 & AIB-MN32/42-S2 Block diagram

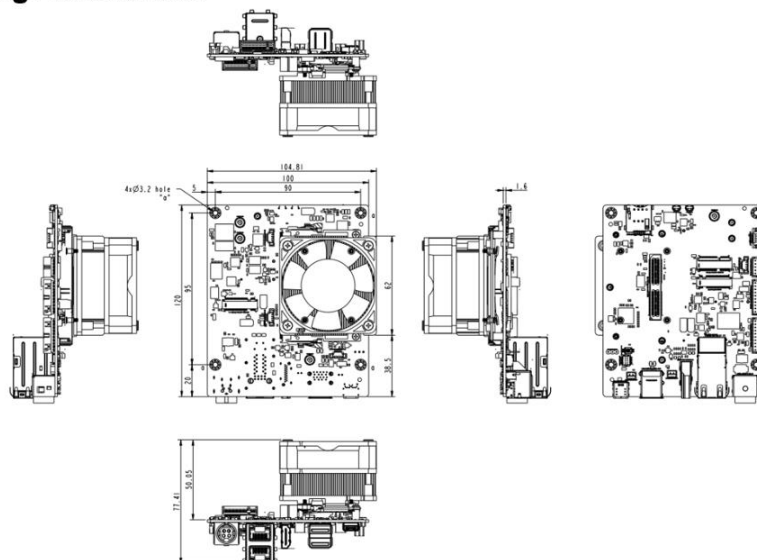
2.2 Connectors, LEDs, and Switches Locations



System & Mounting Dimensions Without Fansink



System & Mounting Dimensions With Fansink



2.3 Connectors and Switches Description

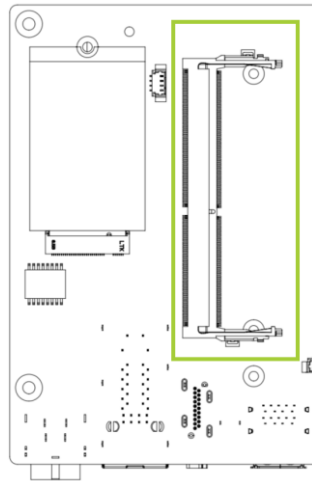
Item	Detail
J1	Jetson Orin Nano/NX connector
CN11	HDMI Type-A connector
J2	M.2 M-Key 2242 connector
J3	M.2 E-Key 2230 connector
J4	M.2 B-Key 3042/3052 connector
CN12	2 x USB 3.2 Gen2 Type-A

J6	120-Pin board to board connector for MIPI CSI-2
CN13	OTG Type-C
CN17	2 x RJ-45 GbE Port
CN5	2 x 10P P:2.0 support RS232/GPIO/I2C/UART
CN7	2 x 10P P:2.0 support SPI/RS485/RS422/I2C
CN3	2 x 5P P:1.25 support CAN BUS function
CN4	2 x 5P P:1.25 Front Panel
CN1	SIM Card Slot
CN8	DC Power input connector
J5	1 x 4P P:1.25 Module Fan
SW1	To enable APO function by switch/ RS485&RS422 mode switch
BAT1	1 x 2P P:2.0 RTC Connector
S1	Reset Button
S2	Recovery Button
DEBUG1	Debug UART
J9	1 x 4P P:1.25 System Fan
J8	2 x 5P P:1.0 Audio connector (optional with daughter board)
J7	MCU Programming (Aetina internal use)
CN27	1PPS Function supports 1.8V / 3.3V
CN28	12V power output for external GMSL camera modules

2.4 Connectors and Pinout

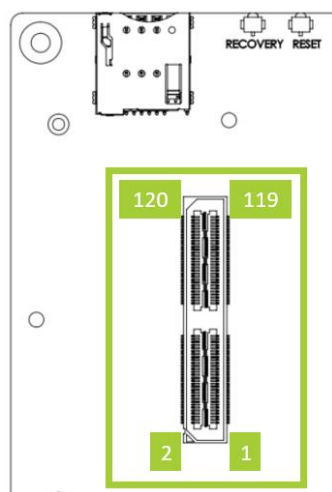
Here are the connectors and pinout information of AIB-MO22/32 & AIB-MN32/42 carrier board below.

■ Jetson Orin Nano/NX Module Connector



Item	Description
Location	J1
Type	DDR4 SODIMM 260-Pin
Pinout	Please refer to NVIDIA Jetson Orin Nano/NX System-on-Module datasheet

■ MIPI CSI-2 120-Pin Connectors



Item	Description
Location	J6

Type

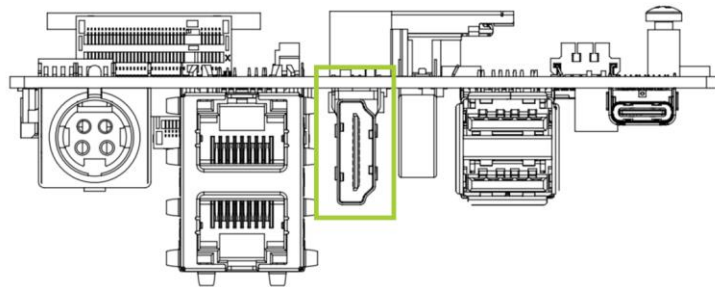
QSH 120-Pin connector

Pin #	Definition	Pin #	Definition
1	CSI_0_D0_P	2	CSI_1_D0_P
3	CSI_0_D0_N	4	CSI_1_D0_N
5	GND	6	GND
7	CSI_0_CLK_P	8	CSI_1_CLK_P
9	CSI_0_CLK_N	10	CSI_1_CLK_N
11	GND	12	GND
13	CSI_0_D1_P	14	CSI_1_D1_P
15	CSI_0_D1_N	16	CSI_1_D1_N
17	GND	18	GND
19	CSI_2_D0_P	20	CSI_3_D0_P
21	CSI_2_D0_N	22	CSI_3_D0_N
23	GND	24	GND
25	CSI_2_CLK_P	26	CSI_3_CLK_P
27	CSI_2_CLK_N	28	CSI_3_CLK_N
29	GND	30	GND
31	CSI_2_D1_P	32	CSI_3_D1_P
33	CSI_2_D1_N	34	CSI_3_D1_N
35	GND	36	GND
37	NC	38	NC
39	NC	40	NC
41	GND	42	GND
43	NC	44	NC
45	NC	46	NC
47	GND	48	GND
49	NC	50	NC

51	NC	52	NC
53	GND	54	GND
55	NC	56	NC
57	NC	58	NC
59	NC	60	NC
61	NC	62	NC
63	GND	64	GND
65	NC	66	NC
67	NC	68	NC
69	GND	70	GND
71	NC	72	NC
73	NC	74	NC
75	I2C2_SCL	76	NC
77	I2C2_SDA	78	NC
79	GND	80	GND
81	AVDD_CAM_2V8	82	AVDD_CAM_2V8
83	AVDD_CAM_2V8	84	NC
85	NC	86	NC
87	CAM_I2C_SCL	88	CAM_CK1
89	CAM_I2C_SDA	90	CAM_PD1
91	CAM_CK0	92	NC
93	CAM_PD0	94	NC
95	CAM0_RST	96	NC
97	NC	98	NC
99	GND	100	GND
101	NC	102	VDD_1V8
103	NC	104	NC
105	NC	106	NC

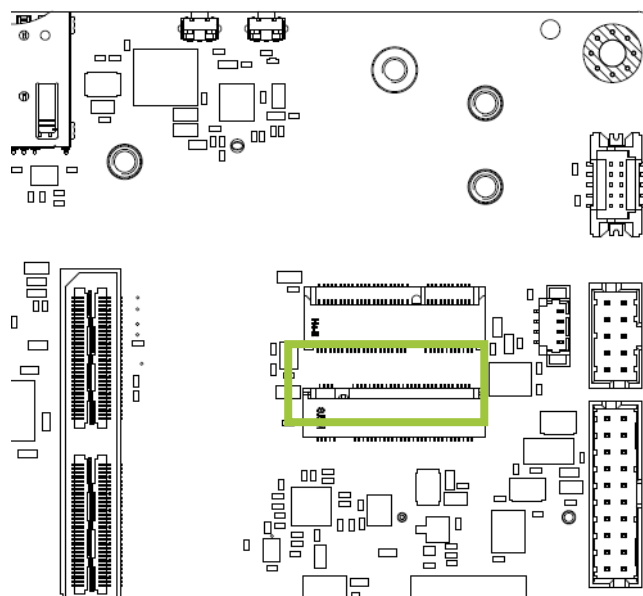
107	NC	108	VDD_3V3
109	NC	110	VDD_3V3
111	NC	112	NC
113	NC	114	NC
115	NC	116	GND
117	NC	118	VDD_3V3
119	CAM_SYS_EN	120	VDD_3V3

■ HDMI Type-A Connector



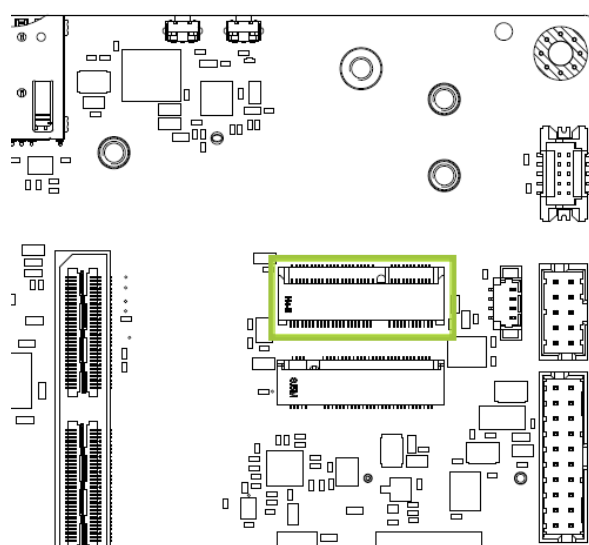
Item	Description
Location	CN11
Type	HDMI Type-A female connector
Pinout	Please refer to HDMI Type-A Standard

■ M.2 M-Key Connector



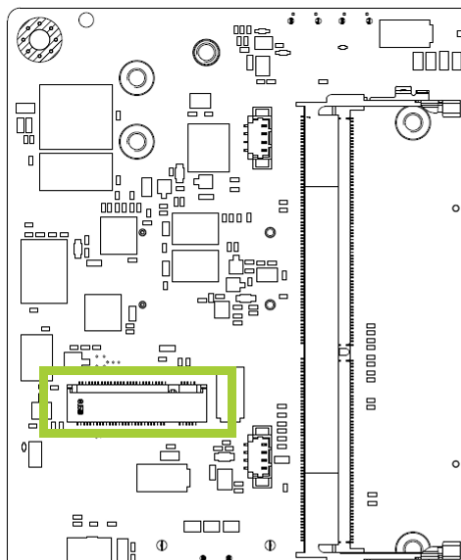
Item	Description
Location	J2
Type	M.2 M-Key 2242
Pin	Please refer to M.2 M-Key Standard
Notes	128 GB storage built-in support NVMe, PCIe x4 Gen3 for Orin Nano/PCIe x4 Gen4 for Orin NX

■ M.2 E-Key Connector



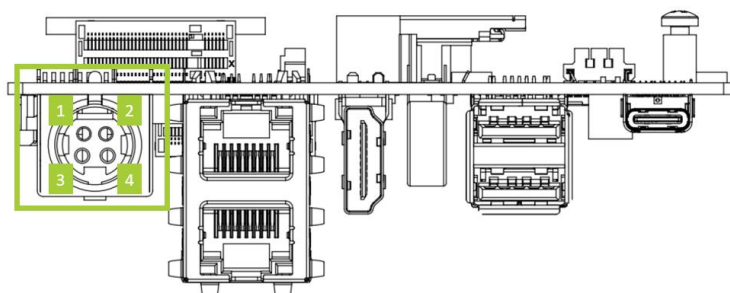
Item	Description
Location	J3
Type	M.2 E-Key 2230
Pin	Refer to M.2 E-Key Standard
Notes	Supports Wi-Fi / Bluetooth (USB 2.0, PCIe x1 Gen3 for Orin Nano / PCIe x1 Gen4 for Orin NX)

■ M.2 B-Key Connector



Item	Description
Location	J4
Type	M.2 B-Key 3042/3052
Pinout	Please refer to M.2 B-Key Standard
Notes	Supports LTE / 4G / 5G (USB 3.2 Gen1, USB 2.0)

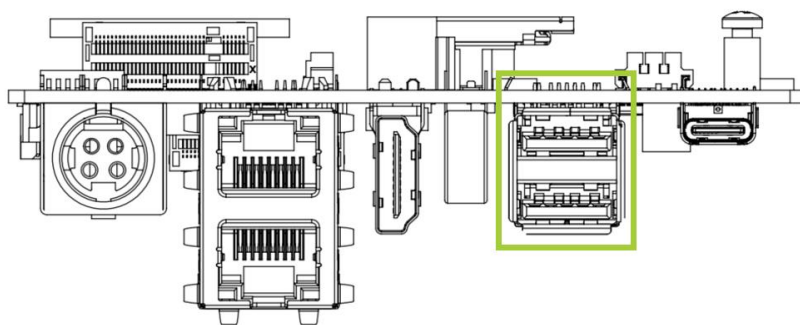
■ DC Power Input Terminal Block



Item	Description
Location	CN8
Type	4-Pin Male DC Power Connector
Pinout	Please refer to DC Jack Standard

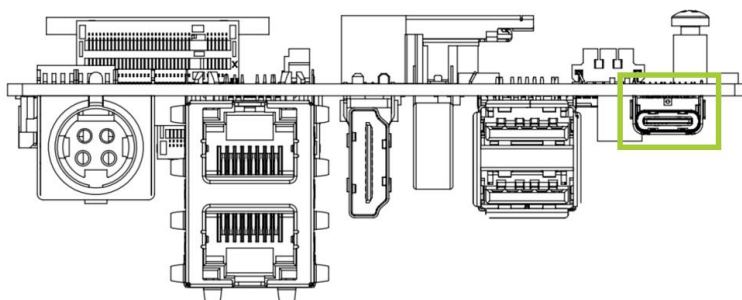
Pin #	Definition	Pin #	Definition
1	VIN	2	GND
3	VIN	4	GND

■ Dual USB 3.2 Gen2 Type-A Connector



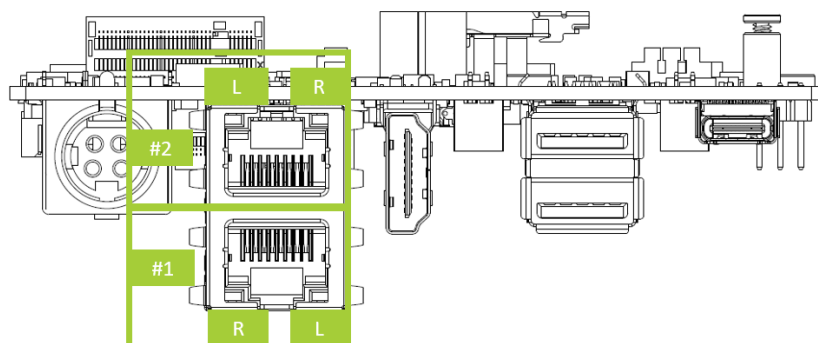
Item	Description
Location	CN12
Type	Type-A USB connector
Pinout	Please refer to USB Standard

■ OTG Type-C Connector



Item	Description
Location	CN13
Type	USB TYPE-C connector
Pinout	Please refer to USB standard
Notes	Support OTG function only

■ Gigabit Ethernet Connector



Item	Description
Location	CN17
Type	RJ-45 connector
Pinout	Please refer to Ethernet standard

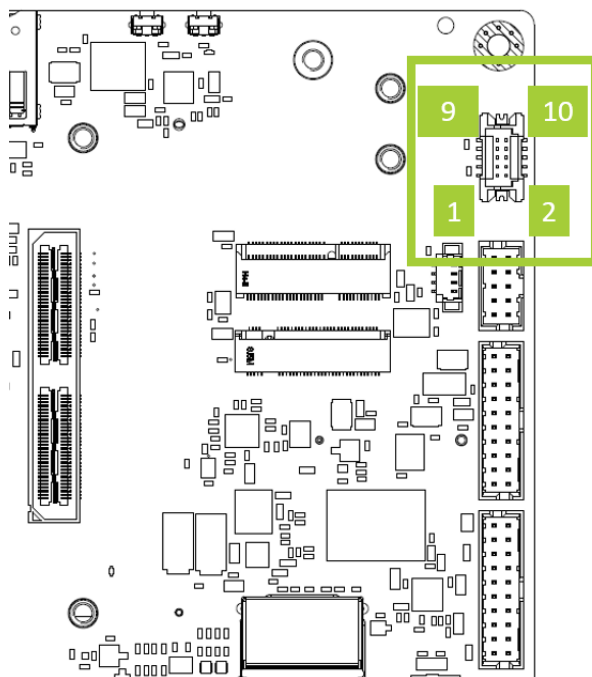
#1 Intel

LAN	Function	Color	Status	Description
L (Left)	Link Status	Green	ON	Link established
			Blinking	Data activity
			OFF	No link
R (Right)	Link Speed	Yellow	ON	1Gbps
			OFF	10Mbps 100 Mbps

2 Realtek

LAN	Function	Color	Status	Description
L (Left)	Link Speed	Yellow	ON	1Gbps
			OFF	10Mbps 100 Mbps
R (Right)	Link Status	Green	Blinking	Data activity
			OFF	Link established

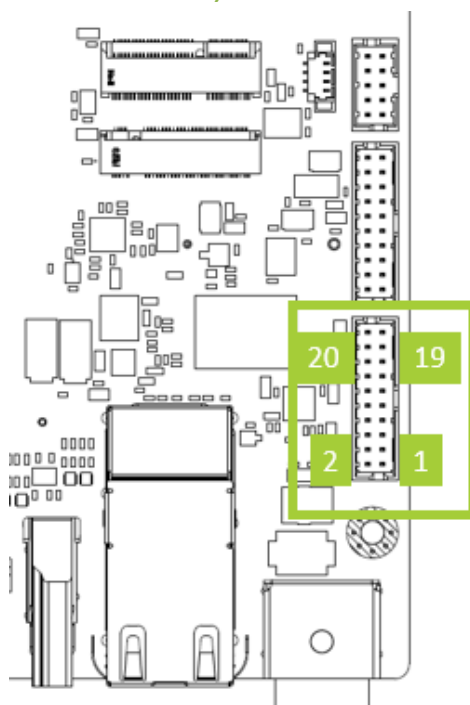
■ CAN BUS Connector



Item	Description
Location	CN3
Type	2*5P 1 P:1.25mm H:4.8mm Wafer connector
Notes	5.7kVrms Isolation

Pin #	Definition	Pin #	Definition
1	CAN0H	2	NC
3	CAN0L	4	NC
5	NC	6	NC
7	CAN0_5V	8	NC
9	CAN0_GND	10	NC

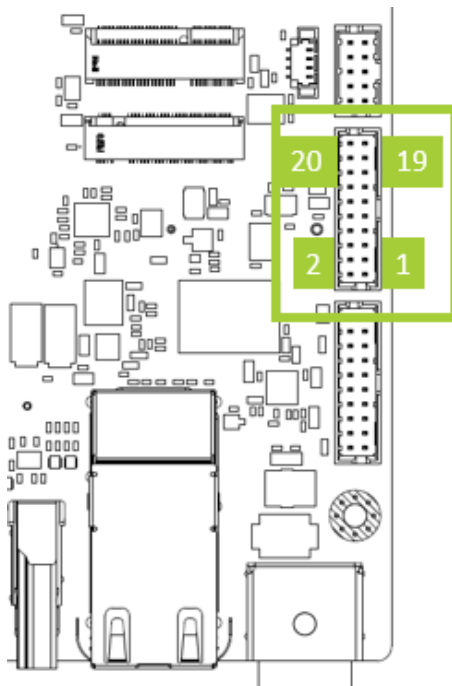
■ MISC I/O Connector (f/I²C/RS485 or 422)



Item	Description
Location	CN7
Type	2*10P P:2.0mm H:7mm Pin header

Pin #	Definition	Pin #	Definition
1	VDD_3V3	2	VDD_5V
3	I2C_CLK	4	NC
5	I2C_DAT	6	NC
7	I2C_CLK	8	SPI_MOSI
9	I2C_DAT	10	SPI_SCK
11	RS422_A	12	SPI_MISO
13	RS422_B	14	NC
15	RS422_Z / RS485+	16	SPI_CS0
17	RS422_Y / RS485-	18	NC
19	GND	20	GND

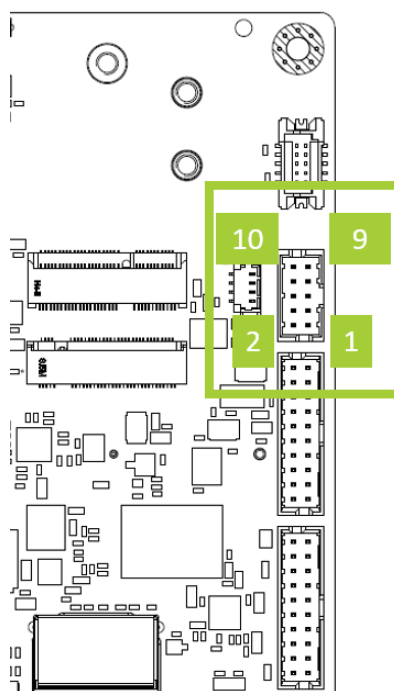
■ MISC I/O Connector (GPIO/I²C/UART/RS232)



Item	Description			
Location	CN5			
Type	2*10P P:2.0mm H:7mm Pin header			

Pin #	Definition	Notes	Pin #	Definition
1	VDD_3V3		2	VDD_5V
3	GPIO_1 (GPIO01: PQ.05 453)	Input / PU	4	UART_TXD
5	GPIO_2 (GPIO11: PQ.06 454)	Input / PU	6	UART_RXD
7	GPIO_3 (GPIO12: PN.01 433)	Input / PU	8	UART_CTS
9	GPIO_4 (GPIO13: PH.00 391)	Input / PU	10	UART_RTS
11	GPIO_5 (GPIO05: PZ.07 485)	Input / PU	12	RS232_RXD
13	I2C_CLK		14	RS232_RTS
15	I2C_DAT		16	RS232_TXD
17	GND		18	RS232_CTS
19	GND		20	GND

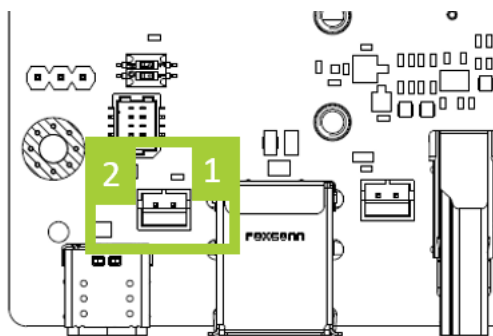
■ Front Panel Connector



Item	Description
Location	CN4
Type	2*5P P:2.0mm H:7mm Wafer connector

Pin #	Definition	Pin #	Definition
1	Power On	2	GND
3	Reset	4	GND
5	Recovery	6	GND
7	NC	8	GND
9	LED+	10	LED—

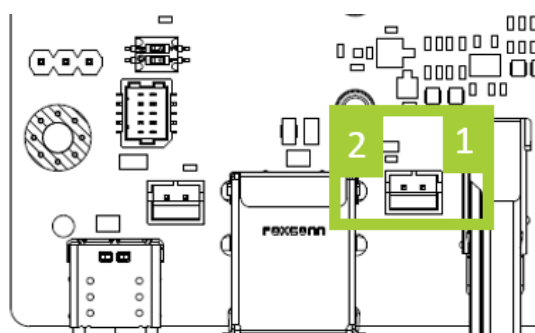
■ RTC Battery Connector



Item	Description
Location	BAT1
Type	1*2P P:2.0mm connector

Pin #	Definition
1	+
2	-

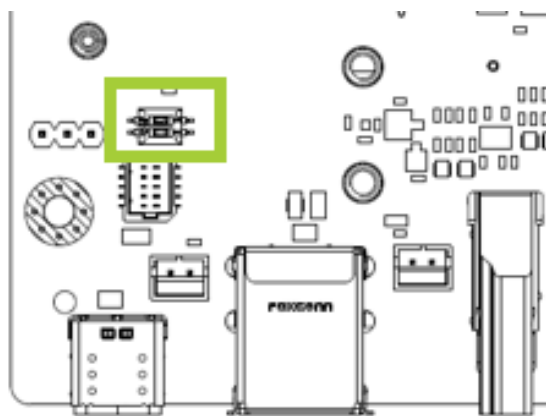
■ GMSL Connector Supports 12V



Item	Description
Location	CN28
Type	1*2P P:2.0mm connector

Pin #	Definition
1	-
2	+

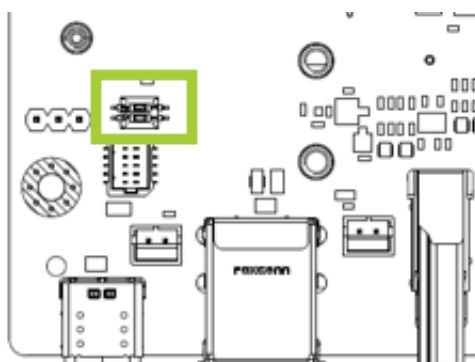
■ Auto Power ON (APO) Switch



Item	Description
Location	SW1-1
Type	DIP Switch
Notes	To enable APO function by Switch

Position	Function
ON	Disable APO
1 (Default)	Enable APO

■ RS-485 / RS-422 Mode Switch

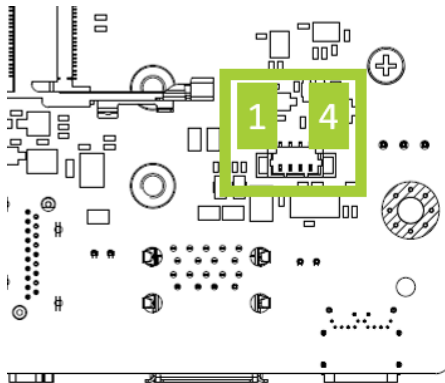


Item	Description
Location	SW1-2
Type	DIP Switch
Notes	To select RS-485 / RS-422 mode by Switch

Position	Function
ON	RS-422

1 (Default)	RS-485
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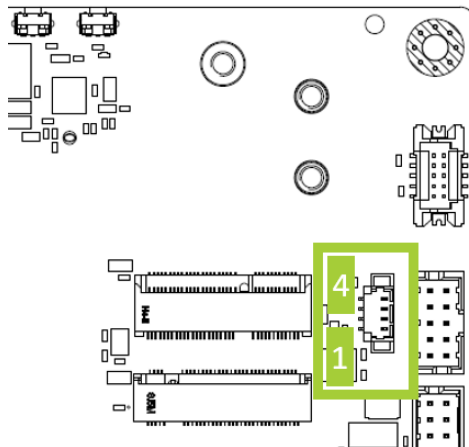
■ 12V Fan Connector (for module)



Item	Description
Location	J5
Type	1*4P 1.25mm Wafer connector

Pin #	Definition	Pin #	Definition
1	GND	2	VDD_12V
3	TACH	4	PWM

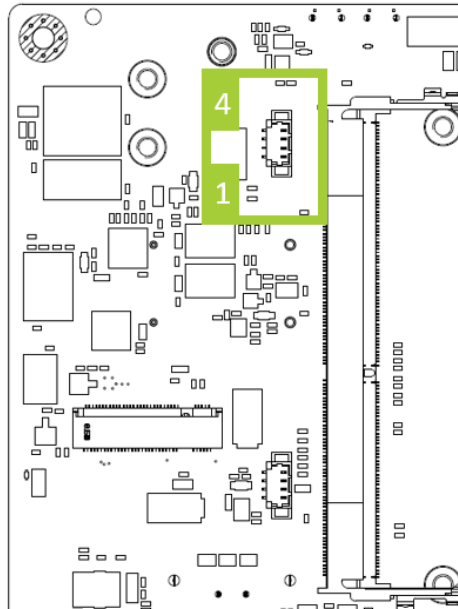
■ 12V System Fan Connector



Item	Description
Location	J9
Type	1*4P 1.25mm Wafer connector

Pin #	Definition	Pin #	Definition
1	GND	2	PWM
3	NC	4	VDD_12V

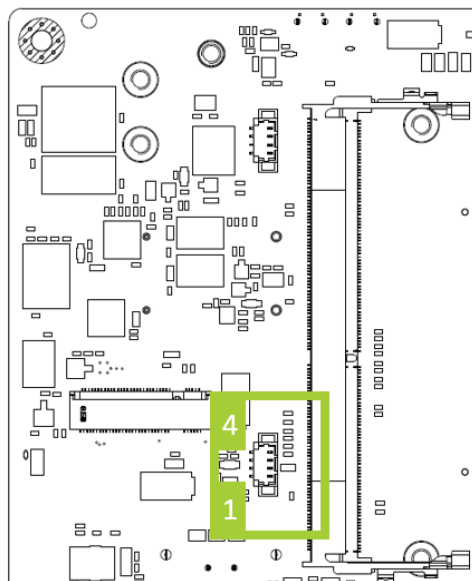
■ MCU Programming (Aetina internal use)



Item	Description
Location	J7
Type	1*4P 1.25mm Wafer connector

Pin #	Definition	Pin #	Definition
1	nDTA	2	nCLK
3	nRST	4	GND

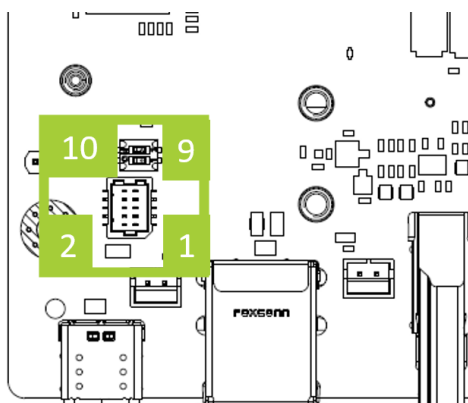
■ 1PPS Supports at 1.8V / 3.3V



Item	Description
Location	CN27
Type	1*4P 1.25mm Wafer connector

Pin #	Definition	Pin #	Definition
1	GND	2	1PPS_CN
3	NC	4	VCC_1.8V

■ Audio Board-to-Board Connector



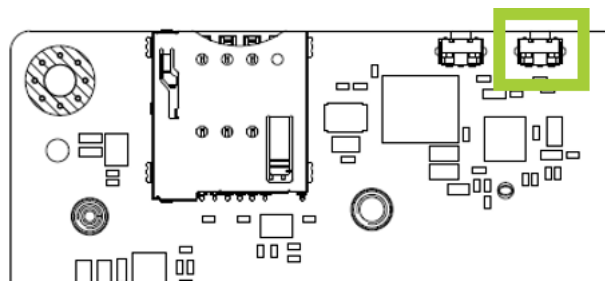
Item	Description
Location	J8
Type	2*5P P:1.0mm Wafer connector

Pin #	Definition	Pin #	Definition
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1	I2S_SCLK	2	VDD_3V3
3	I2S_OUT	4	I2C_DAT
5	I2S_IN	6	I2C_CLK
7	I2S_FS	8	GND
9	I2S_MCLK	10	GND

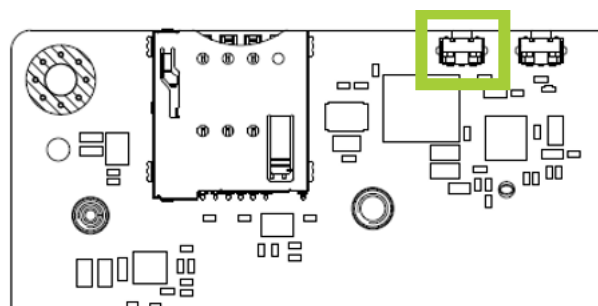
Note: The voltage level of I2C & I2S is 1.8V

■ Recovery Button



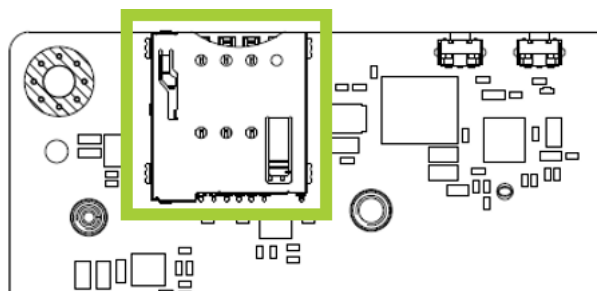
Item	Description
Location	S2
Type	Tact switch
Notes	To trigger system recovery action

■ Reset Button



Item	Description
Location	S1
Type	Tact switch
Notes	To trigger system reset action

■ Micro SIM Card Socket



Item	Description
Location	CN1
Type	Push-Push SIM card

2.5 Power Consumption

The power consumption shown as below is the theoretical value with Orin Nano module installed on AIB-MO22/AIB-MO32.

Type	Theoretical Maximum System power
Idle	5.5 W (Connect with Keyboard, Mouse and Display)
Full Loading	35.45 W (Connect with Keyboard, Mouse, HDMI Display and LAN with CPU And GPU 100% Loading)

The power consumption shown as below is the theoretical value with Orin NX module installed on AIB-MN32/AIB-MN42.

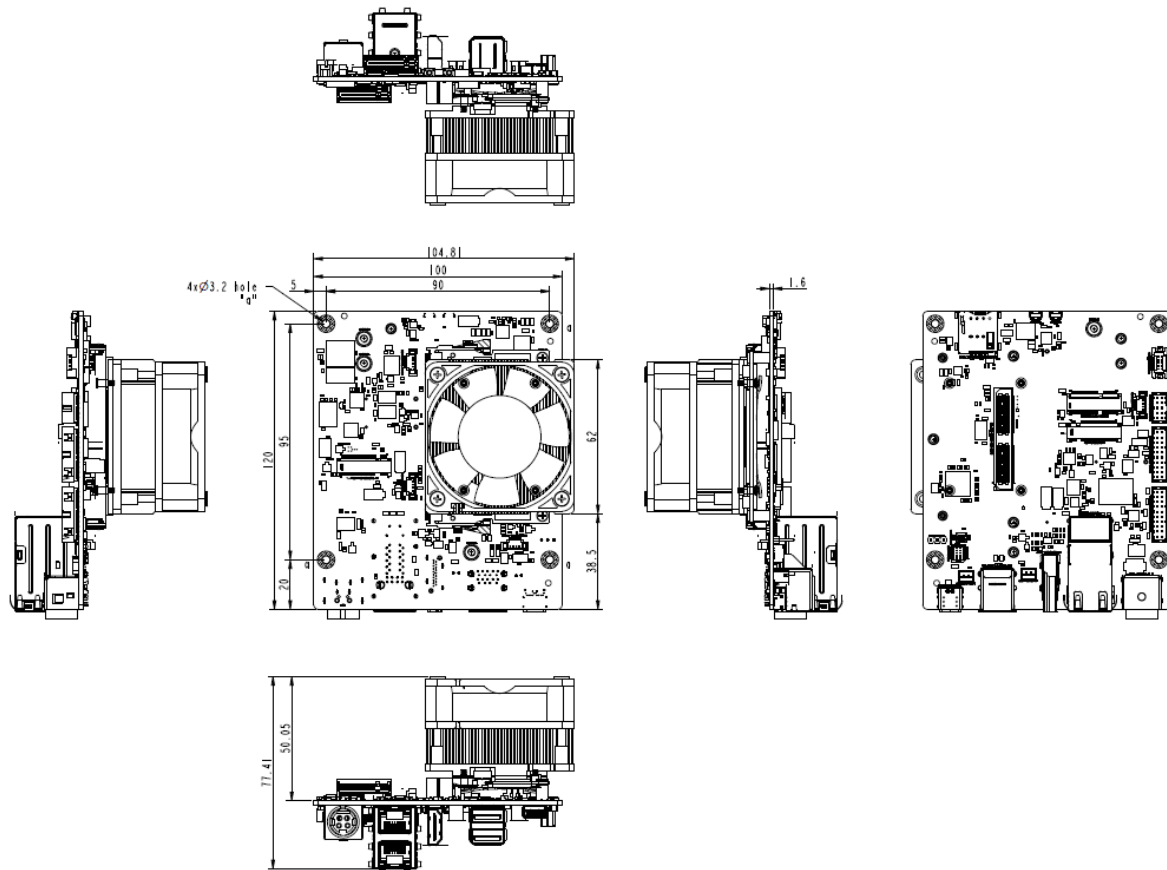
Type	Theoretical Maximum System power
Idle	6.4 W (Connect with Keyboard, Mouse and HDMI Display)
Full Loading	52 W (Connect with Keyboard, Mouse, HDMI Display and LAN with CPU And GPU 100% Loading)

Please refer to the following power consumption of individual I/O interface according to your use case.

Type	Theoretical Maximum System power
HDMI	0.25 W
M.2 M key	7 W
M.2 E key	2 W
M.2 B key	3 W
USB 3.2 Gen2 (1 port)	4.5 W
Camera MIPI CSI-2	8.4 W
USB 2.0	4.5 W
GbE LAN port	0.83 W
CAN Bus	1 W
Front panel	0.05 W
Fan connector	2 W

2.6 Mechanical Dimensions

Integration assembly drawing for AIB-MO22/AIB-MO32-1-S2 & AIB-MN32/AIB-MN42-1-S2 carrier board, Orin Nano/NX module and Fansink



3. Software/BSP Installation

Aetina NVIDIA Jetson products have built-in BSP so the users don't have to install it after getting the products. Since we develop our own BSP, the users may need to follow the BSP installation SOP to re-install/upgrade/downgrade the BSP. Please visit the Aetina website or contact with Aetina FAE at Tech_support@aetina.com for installation guides, BSPs and technical tips.

4. Recovery Mode

The OTG Type-C port of AIB-MO22/AIB-MO32 or AIB-MN32/AIB-MN42 can be connected to another host device (Linux PC running NVIDIA Jetpack™) to run recovery process for re-flashing BSP.

Note: Please backup user personal files before flashing process

Step 1: Connect the OTG Type-C port to another host device which supplying updated BSP file.

Step 2: Press and hold the Reset button, then press and hold the Recovery button continually.

Step 3: After one second (1 sec.) release the Reset button first, then release the Recovery button.

Step 4: The Orin Nano or NX will show up as a new NVIDIA device on USB list (Terminal console) at the host device.

Step 5: Running re-flashing BSP process can be executed by the host device now.

5. Initial Setup

Before using AIB-MO22/AIB-MO32 & AIB-MN32/AIB-MN42 series, please follow the steps below to have initial setup.

5.1 Prepare the materials

Please prepare the materials list below.

- A monitor with HDMI and respective cables
- USB keyboard and mouse
- Ethernet cable

5.2 Hardware connection

ATTENTION: Jetson Orin module is not hot-pluggable. Before installing or removing the module, the main power supply (to Power connector, CN8) must be disconnected and adequate time allowed for the various power rails to fully discharge.

For the initial setup, users will need to connect LAN port, keyboard and mouse via USB interface, HDMI interface, and power connector.

5.3 Setup details

Step 1: Connect to the monitor while powering off

Step 2: Power on and automatically enter the OS

Step 3: Log in to the Ubuntu OS via credentials below

- Username: nvidia
- Password: nvidia

For more information on how to use Ubuntu and NVIDIA Jetson modules, please visit Ubuntu and NVIDIA website.

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