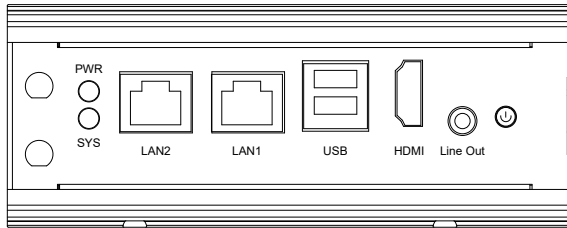
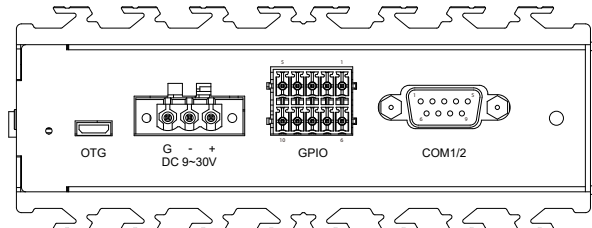


AIGE101/AIGE102 Quick Reference Guide

Ver A.



Item	Name	Description
—	2 x Antenna hole	Installing an antenna
PWR/SYS	Power/System LED	Power-on: PWR/SYS lights up
		Power-off: PWR/SYS light off
		SYS LED can be defined
LAN2/LAN1	2 x LAN	2 x 10/100/1000 Mbps
USB	2 x USB	USB 3.0
HDMI	HDMI	HDMI
Line Out	Line out	3.5mm
—	Power switch	Red: power standby
		Blue: power-on



Item	Name	Description
—	Recover button	Connecting the Micro USB data cable and pressing the Recover button, then turn on the system and enter the system burning mode
OTG	OTG	
DC 9-30V	Power: DC-IN	9-30V DC
GPIO	GPIO	Support 4DI & 4DO
COM1/2	COM1/2	Default: RS232, COM1: RS232/422/485
—	Ground screw	Connect a ground wire

Basic Operation

- OS: Ubuntu 18.04
- Login: Account: nexaiot; Password: nexaiot
- Basic setting:
 - Check the system version: `lsb_release -a`
 - Power off: `sudo poweroff` or press the power switch
 - Reset: `sudo reboot`
- Devices equipped with Jetson Xavier NX have multiple working modes. It can be adjusted by setting the NVIDIA green logo in the upper right corner. Default mode: MODE 10W 2CORE

Hardware Specifications

	AIGE102	AIGE101
Platform	Jetson Xavier NX	Jetson Nano
CPU	6-core NVIDIA Carmel ARM v8.2 64-bit	Quad-core ARM Cortex-A57 MPCore processor
GPU	384-core NVIDIA Volta GPU with 48 Tensor Cores	NVIDIA Maxwell architecture with 128 CUDA cores
RAM	8GB 128-bit LPDDR4x	4GB 64-bit LPDDR4x
Storage	16G eMMC	32G Micro SD card
Others	LAN x 2, COM x 2, Line out, USB x 2, HDMI, GPIO (4DI & 4DO), Micro USB (OTG), M.2 Key B (4G/5G), Micro SD, 9-30V DC, LED	

Package Content

Item	Name	Qty	Description
1	Device	1	AIGE101 or AIGE102
2	Wall mount kit	1	Wall mount
3	Din-rail kit	1	Din-rail
4	3P terminal blocks	1	For DC-IN
5	5P terminal blocks	2	For GPIO function
6	Screw	12	Screw the kit

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