

RZ Ecosystem Partner Solution

MYIR RZ/G2UL & RZ/FIVE

High-Performance SOM



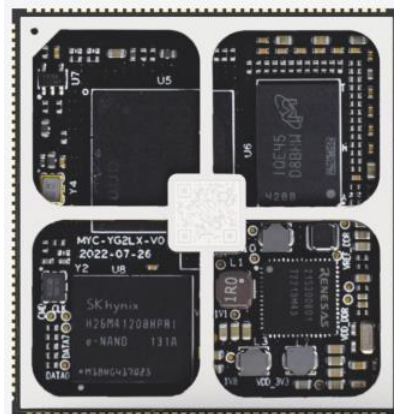
Solution Summary

The MYC-YG2UL high-performance system-on-module (SOM) is equipped with Renesas high-performance and cost-effective [RZ/G2UL](#) processor, single core Cortex-A55@1.0GHz + Cortex-M33@200MHz. The MYC-YRZFIVE high-performance system-on-module (SOM) is equipped with Renesas high-performance and cost-effective [RZ/Five](#) processor, single core RISC-V AX45MP@1.0GHz. Both support 2 Gigabit Ethernet interfaces, 2 CAN FD interfaces, 2 USB2.0 interfaces, and 5 UARTs.

Features/Benefits

- CPU: RZ/G2UL, Cortex-A55@1.0G +Cortex-M33@200M/ RZ/Five, Andes AX45MP Single
- RAM: 256MB/512MB DDR3L
- Flash: 256MB QSPI Nand/4GB eMMC
- EEPROM: 4KB EEPROM
- OS: Linux 5.10
- Size: 37mmx39mm

Diagrams / Graphics

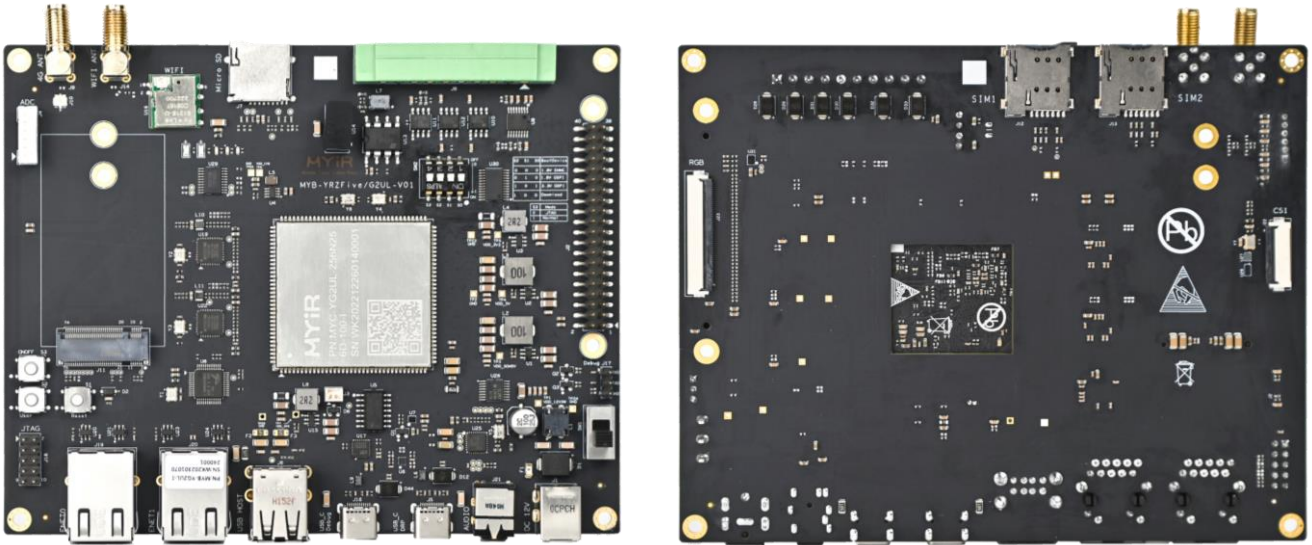


MYC-YG2UL&MYC-YRZFIVE CPU Module

Target Markets and Applications

- Industrial gateway
- Industrial automation
- Charging pile
- Medical instrument
- Smart city

MYD-YG2UL&MYD-YRZFIVE Development Board



MYD-YG2UL&MYD-YRZFIVE Development Board Resources:

Function		Description
System	POWER	12V DC
	KEY	1*RESET, 1*USER, 1*ON/OFF
	BOOT SET	1*BOOT Switch
	SD	1*Micro SD
	DEBUG	1*Debug UART, 1*JTAG
Communication Interface	WIFI/BT	1*WIFI Module
	5G/4G	1*5G/4G Module Interface
	Ethernet	2*10/100/1000M
	USB	2* USB 2.0 HOST 1*USB 2.0 OTG
	UART	1*RS485 1*RS232
	CAN	1*CAN
Multimedia Interface (RZ/G2UL)	DISPLAY	1*RGB
	CAMERA	1*MIPI CSI
	AUDIO	1*Audio
Expansion Interface	RPI Interface	1*40PIN Header, GPIO/I2C/UART/SPI/CAN

Learn more: <https://www.myirtech.com/list.asp?id=718>