# RZ Ecosystem Partner Solution
MYIR Remi Pi

Solution Summary

The Remi Pi is a resource-rich, compact board based on the Renesas RZ/G2L processor and provides a wealth of software resources and documentation. Software materials include, but are not limited to, U-boot, Linux, all peripheral driver source code, and related development tools. Documentation includes product manuals, hardware user manuals, hardware design guides, backplane PDF schematics, Linux software evaluation and development guides, and more. MYIR aims to provide developers with stable reference designs and a complete software development environment, which can effectively help developers improve development efficiency, shorten development cycles, optimize design quality, and accelerate product development and time to market.

Features/Benefits

- The Remi Pi is compatible with the Raspberry Pi expansion module, facilitating product prototyping and innovative applications.

- The Remi Pi is equipped with a Dual Cortex-A55@1.2GHz CPU, a Cortex-M33@200MHz MCU, a 3D graphics acceleration engine for Arm Mali-G31, and support for video codecs. In addition, this microprocessor also supports camera interface (MIPI-CSI/Parallel IF), display interface (MIPI-DSI/Parallel-IF), USB 2.0, UART, CAN interface, Gigabit Ethernet interface, etc.

- The Remi Pi is a compact board with rich interfaces, which provides rich software resources and documentation, and the software system supports Debian/Ubuntu/Linux and other operating systems.

Diagrams/Graphics
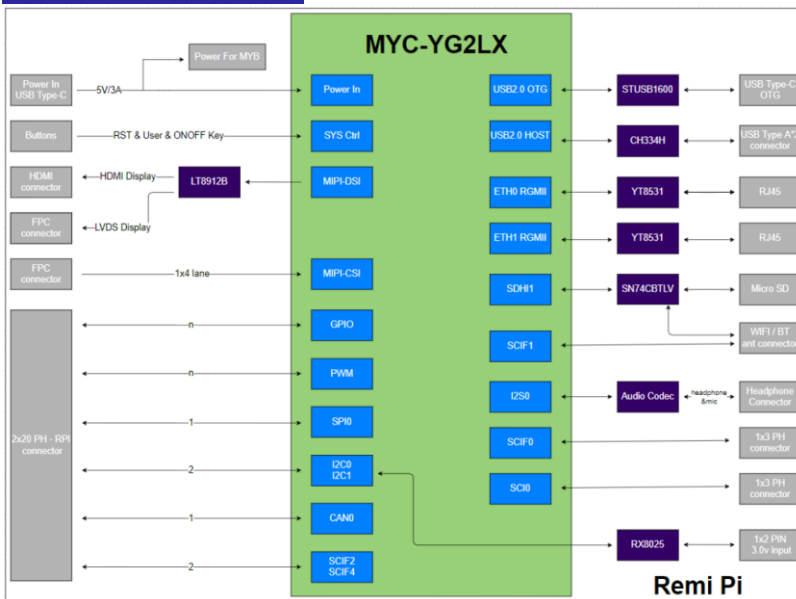
Target Markets and Applications

- Industrial HMI
- Embedded equipment with video capabilities

Remi Pi | Renesas RZ/G2L, Linux-Welcome to MYIR

2024.06

MYIR Remi Pi

The Remi Pi is an embedded board with a Renesas RZ/G2L processor and Cortex-A55 core, clocked at 1.2GHz. Equipped with 1GB high-speed DDR4 and 8GB eMMC, it integrates dual Gigabit Ethernet, dual-band 2.4GHz/5GHz WIFI+BT4.2 module, USB 2.0 HOST, USB 2.0 OTG, HDMI display interface, LVDS display interface, MIPI CSI camera interface, audio input and output interface, and a 40PIN interface compatible with Raspberry Pi.

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