

RZ Ecosystem Partner Solution

Aries FIVEBerry



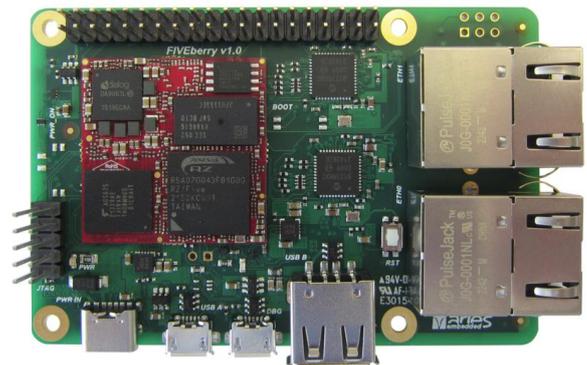
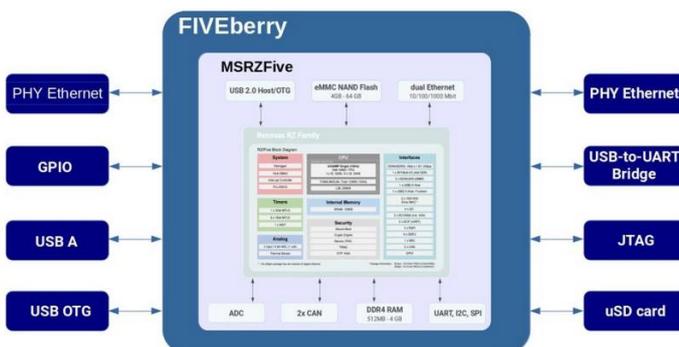
Solution Summary

The FIVEberry baseboard is built around the MSRZFive System on Module to support users to have a smooth start-up with the new CPU architecture of [RZ/Five](#) provided by Renesas. The MSRZFive is an Open Standard Module compliant System-In-Package developed based on Renesas RZ Family architecture offering high-performance 64-bit RISC-V core. The MSRZFive combines compact design and a wide range of services, bringing low power consumption, thermal efficiency and low-cost to embedded systems.

Features/Benefits

- 64-bit RISC-V/AX45MP (Single) 1GHz
- 512MB DDR4 RAM
- 128MBit SPI-NOR
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- -25°...+85°C
- Two Ethernet ports 10/100/1000MBit/s on RJ45
- Console via USB to UART, USB2.0 Host
- USB2.0 OTG, 2xI2C, GPIO
- SD-card interface
- 5V single voltage supply via USB

Block Diagram/Graphics



Target Markets and Applications

- IoT
- Industrial controls
- Mobile applications

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