

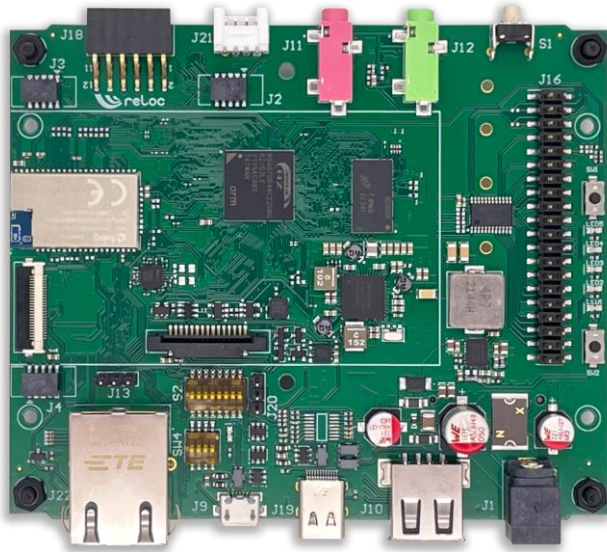
RB-RZLC / RB-RZUL



Powerful And Compact Single Board Computers (SBCs)

RB-RZLC and **RB-RZUL** are compact Single Board Computers (SBCs) that allow quick evaluation and development with **Renesas RZ/G2LC** and **RZ/G2UL** platform, respectively. The boards include complete wireless connectivity (Wi-Fi and Bluetooth) based on **Renesas DA16600MOD** and on-board **Renesas DA7212** audio codec.

RB-RZLC / RB-RZUL are targeted for applications where proven reliability, highly flexible networking and high-energy efficiency are key requirements.



MAIN APPLICATIONS

- Gateway
- Smart Metering
- Smart Camera
- Audio Networking
- Smart Management Systems
- Industrial Monitoring and Control

SPECIFICATIONS

CPU	Renesas RZ/G2LC Cortex-A55@1.2GHz x2 Cortex-M33@200MHz Renesas RZ/G2UL Cortex-A55@1.0GHz Cortex-M33@200MHz
Memory	1 GB DDR4 SDRAM 16 GB eMMC 128 MB QSPI Flash uSD connector
Wireless	Renesas DA16600MOD Wi-Fi 802.11b/g/n Bluetooth v5.1 Onboard chip antenna
Video In-Out	MIPI-CSI camera 2-lane MIPI-DSI display
Audio codec	Renesas DA7212 ultra-low power audio IC with 3.5 mm in/out connectors
Interfaces	Gbit Ethernet 2x USB 2.0 M.2 Key-B PMOD host Grove 40 pin GPIO header
Debug	JTAG connector UART via USB
Size	112 x 92 mm
Power Supply	12 V / 24 V
Operating Temperature	-40°C to +85°C