

RZ Ecosystem Partner Solution

Ka-Ro TX Modules

TXRZ-G2L0 / TXRZ-G2L1



Solution Summary

The TXRZ with [RZ/G2L](#) microprocessor is one of the TX module series that are complete computers, implemented on a board smaller than a credit card, and ready to be designed into your embedded system. With a clear focus on longevity - TX modules includes a processor, power supply and memory.

Ka-Ro develops and maintains its own Yocto-based Linux distribution. The close contact to Ka-Ro's design- and support engineers accelerates the process of module integration.

Features/Benefits

- RAM 512MB/1GB DDR3L SDRAM
- ROM 4GB eMMC
- Power supply 3.3V to 5V
- Size 68mm x 26mm x 4mm SO-DIMM
- Grade Industrial
- Temperature -40°C to 85°C
- 2x 1.2 GHz Arm® Cortex®-A55 core
- 200 MHz Arm® Cortex®-M33 core
- 500-MHz Arm® Mali™-G31
- H.264 Video Codec Processor
- RGB or LVDS display interface
- MIPI-DSI display interface

Diagrams/Graphics



Target Markets and Applications

- Industrial HMI and Streaming Video
- Industrial Control and Automation
- Edge Computing
- Artificial Intelligence and Machine Learning
- Medical Devices
- Transportation Applications

[TXRZ \(karo-electronics.com\)](https://karo-electronics.com)

What does Ka-Ro stand for?

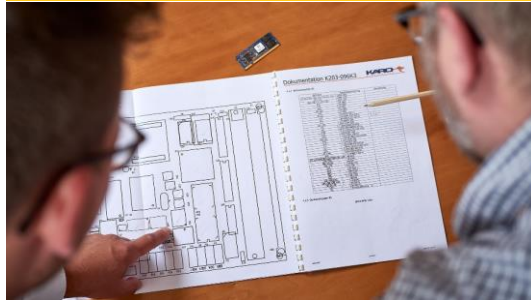
Your electronics specialist since 1988 stands for reliability and efficiency. More than a thousand customers worldwide rely on Ka-Ro's expertise in manufacturing, electronics development and Computer on Modules. State-of-the-art production lines, experienced and committed development engineers and a module series that is unmatched with its family concept. You can rely on our individual advice and support.

Computer-on-Modules



Extensive experience in the development and production of CoMs

Services



Development, consulting, production, optimization, software support – we don't leave you alone.

Manufacturing



Ultra-modern machines, several production lines, fast processes.

Contact

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