RZ Ecosystem Partner Solution
ASUS Tinker V SBC

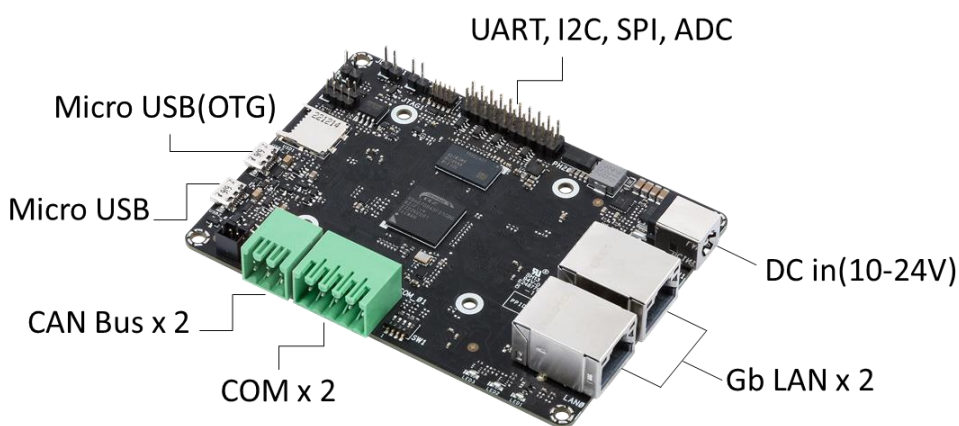## Solution Summary

ASUS Tinker V — a versatile single board computer (SBC) powered by a 64-bit RISC-V-based RZ/Five processor, which supports both Linux Debian and Yocto operating systems. Tinker V packs features such as rich connectivity into a compact Pico-ITX form factor, and pairs assured longevity with reliable support, making it the ideal choice for diverse IoT and gateway applications.

Features/Benefits

- **First ASUS IoT RISC-V SBC:** 64-bit processor embraces open-source RISC-V architecture to deepen diversity and flexibility for IoT developers
- **Ideal for industrial IoT:** Linux Debian and Yocto support, rich connectivity, assured longevity and reliable, trusted technical support
- **Fast-growing ecosystem**: ASUS IoT collaborates with Renesas and Andes to accelerate adoption of RISC-V and deployment in industrial IoT applications

Diagrams/Graphics

Target Markets and Applications

- Factory automation
- Data acquisition
- Building automation
- Energy management

https://tinker-board.asus.com/series/tinker-v.html

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Company Name	ASUSTEK COMPUTER INC.
Headquarters	LiDe Building : No.15, LiDe Rd., Beitou Dist., Taipei City 112, Taiwan LiGong Building : No.115, LiDe Rd., Beitou Dist., Taipei City 112, Taiwan
Date of Establishment	1990-04-02
Chairman	Jonney Shih
Industry Type	Computer & Peripheral Equipment
Number of employees	14700