

Renesas Ready Ecosystem Partner Solution

Tara Systems Embedded Wizard

RENESASPARTNER
NETWORK

READY

Solution Summary

Embedded Wizard is a GUI technology that enables the customer to create platform-independent and high-performance graphical user interfaces (GUI), even on resource-constrained microcontrollers. We are driven by the idea to provide a comfortable workflow for embedded systems. Embedded Wizard supports customers in the realization of their GUI projects by simplifying development efforts for [RX Family](#), [RA Family](#) MCUs and [RZ Family](#) MPUs.

Features/Benefits

- Modern and user-friendly WYSIWYG authoring tool
- Generation of source code optimized for selected target system
- Ready-to-use widgets, effects, animations, layout functions, vector graphic rendering, etc.
- High-efficient code and minimum memory footprint
- No (RT)OS is required, GUIs can even run on bare metal
- Current supporting [RX261](#), [RX63](#), [RX65N](#), [RX72N](#), [RA4M2](#), [RA4M2](#), [RA6M3](#), [EK-RA8D1](#), [RA8P1](#), [RZ/A Series](#), [RZ/G2L](#), [RH850](#).

Diagrams/Graphics



Target Markets and Applications

- Industrial
- Consumer Electronics
- Home Appliances
- Automotive
- Medical

Simplify Your GUI Development

Lean. Versatile. Scalable. Fast.

Lean

Low memory footprint
High-efficient ANSI-C source code generation
Object-oriented programming
One code base for multiple platforms

Versatile

Suitable for various markets
Professional services from our experts
Simple handling of themes, layouts, resolutions
User testing with PC, web or native mobile apps

Scalable

Any platform (MCU to MPU)
Variety of color formats
Bare metal or any (RT)OS
Any graphics API

Fast

WYSIWYG Editor
Instant prototyping and debugging
Ready-2-use and fully customizable widgets
Best utilization of HW graphics acceleration



Pricing

Free

Limited project complexity
Pre-compiled library
Watermarked
€ 0

Small Business

Unlimited project complexity
Pre-compiled library
1 color format
Max. 300 devices/year
Bound to 1 platform
Incl. 1 developer seat
€ 2990

Professional

Unlimited project complexity
Full source code
1 color format
Max. 3000 devices/year
Upgradable to multiple platforms
Incl. 1 developer seat
12 months free updates
€ 7300

Learn more: www.embedded-wizard.de