

## RZ Ecosystem Partner Solution Qt Creator



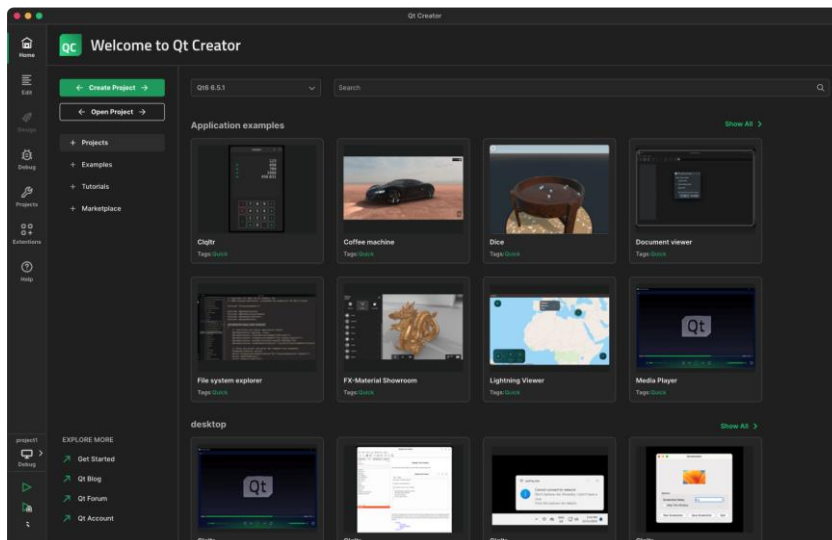
### Solution Summary

Develop a single cross-platform codebase using one integrated toolset. With a comprehensive library suite covering UI development, business logic, and machine-to-machine communication, you can write less code, faster - thanks to an extensible IDE and intuitive APIs. Robust, well-tested libraries help enhance code quality, minimize your codebase, reduce testing efforts, and enable visual debugging for greater stability. Currently available for [RZ/G2L](#) and [RZ/G3E](#) with support for 3D graphics, webcams, and multimedia - and expanding to other [RZ Family MPUs](#).

### Features/Benefits

- Qt Framework with ready-made, cross-platform libraries and Qt Design Studio Professional for fast UI design
- Qt Creator IDE supports C++, QML, JavaScript, Python, and more
- Native code compilation for performance, IP protection, and emulator-based debugging
- Integrates to preferred version control systems and with GitHub Copilot
- Visual performance analyzer to spot CPU and RAM bottlenecks
- Boot to Qt enables rapid start-up on RZ/G2L and RZ/G3E

### Diagrams/Graphics



### Included Developer Tools:



### Target Markets and Applications

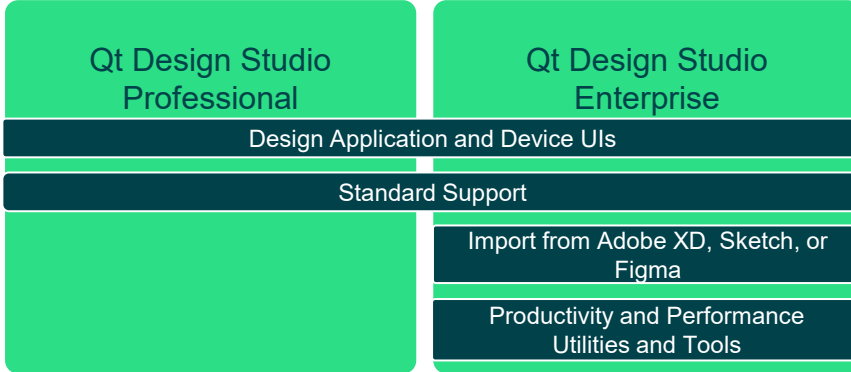
- All HMI segments
- Smart home
- Building automation
- Industrial automation
- Instrument panels
- Infotainment
- Medical
- Safety critical environments

# Qt Group

Increase productivity through the entire product development lifecycle - from UI design and software development to quality management and deployment: [Qt Group - The Future of Digital Experiences](#)

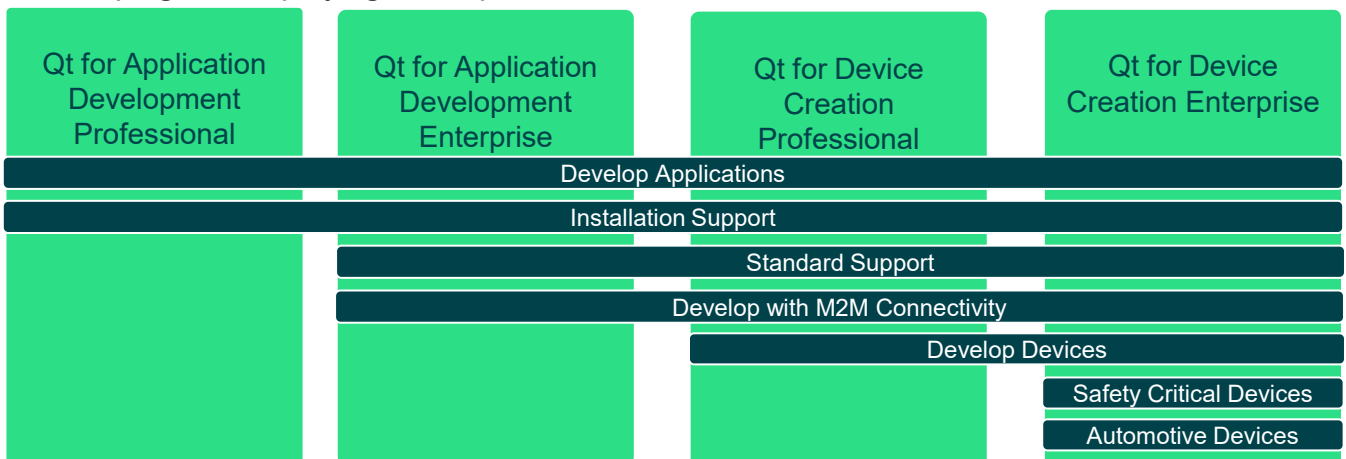
## Design

Bring designs to life with Qt tools for designers, technical artists, and front-end developers.



## Develop

The Qt Framework and Qt's extensive development tools provide everything necessary for developing and deploying entire product lines.



## Qualify

The Qt quality assurance tools ensure the quality of all cross-platform desktop, mobile, embedded, and web applications regardless of the platform used.

