



# Embedded modules & systems from TQ-Embedded

TQ is one of very few suppliers worldwide, offering solutions on all common processor architectures – from Arm®, QorIQ® Layerscape, Power Architecture® up to x86. TQ support does not only cover the module itself but also offers assistance for your individual application board.

## Highlights

- ▶ Application kit (starterkit)
- ▶ BSP Support
- ▶ Schematic mainboard review
- ▶ Mainboard layout and production
- ▶ Customer specific mainboard design
- ▶ Complete system design, well-founded application design knowledge
- ▶ Own production ISO 13485, EN 9100 & ISO 16949 certified

## Category

- BoxPC
- Carrierboard
- Single Board Computer
- Starterkit
- Embedded Module

## Form factor

- COM-Express® Basic
- COM Express® Compact
- COM Express® Mini
- SMARC
- TQ Socket
- TQ LGA

TQ-Systems as a hardware specialist for embedded systems is working in close partnership with all leading semiconductors and operating system vendors.



### Energy | Smart Grid

Based on our know-how of power electronics and control technology, we are creating regulations for transformers to secure the network against sudden power surges, for example.



### Industry | Automation

Our solutions are used for various industrial applications, e.g. as mechanical engineering, automation, measurement, control and regulation-, process-, and monitoring technology.



### IoT

Intelligent objects, secure data communication, worldwide management as well as centralized and, to some extent, decentralized storage and data processing require reliable and secure systems on all levels.



### Building automation

Our smart products in distributed building control point the way to added efficiency in building automation. This renders complex building automation tasks easy to handle.



### Telecommunication

In telecommunications fast and efficient networking is crucial. Large quantities of data must be processed in a short time. Our solutions additionally imply long-term availability, industrial capability and use in an expanded temperature range.