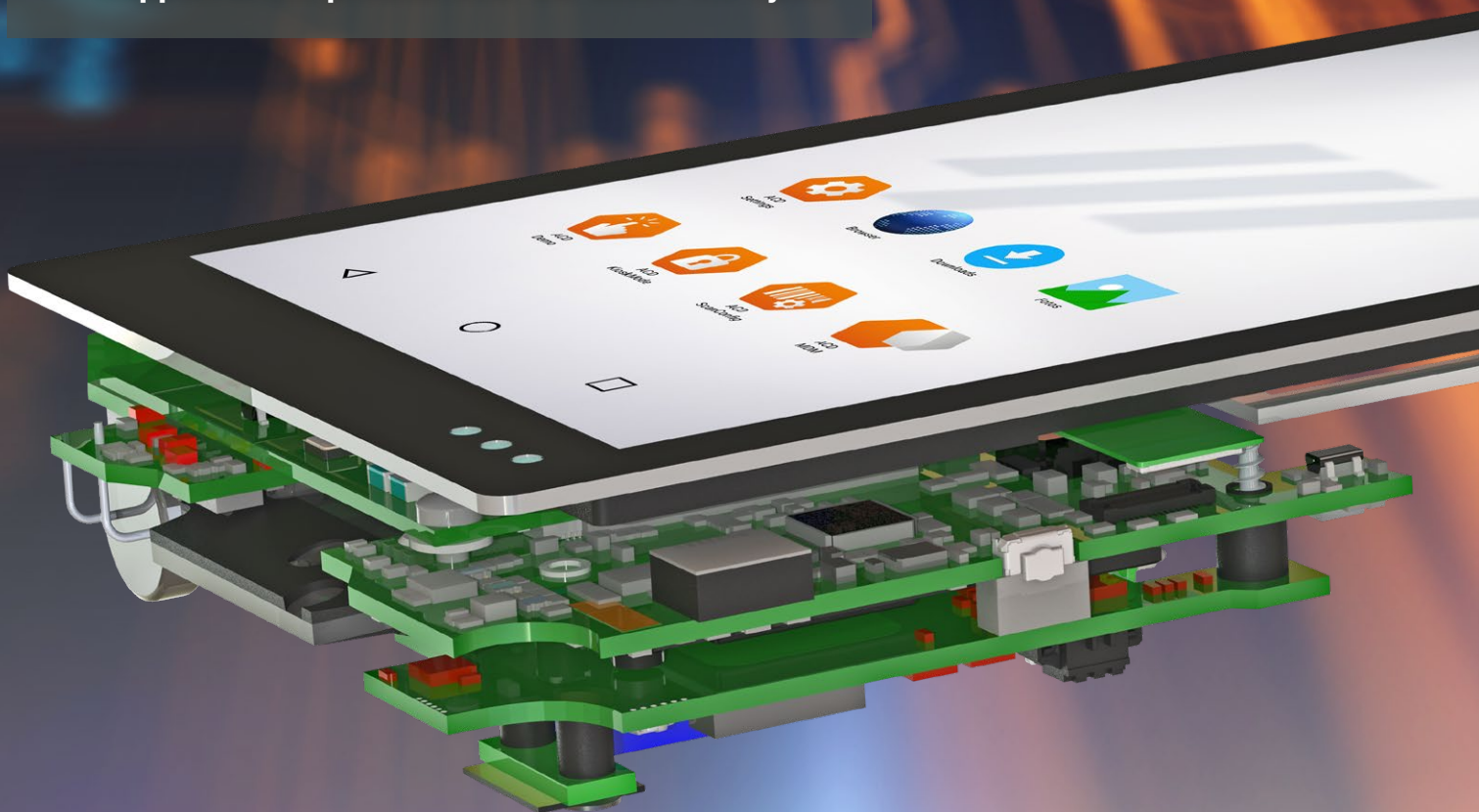


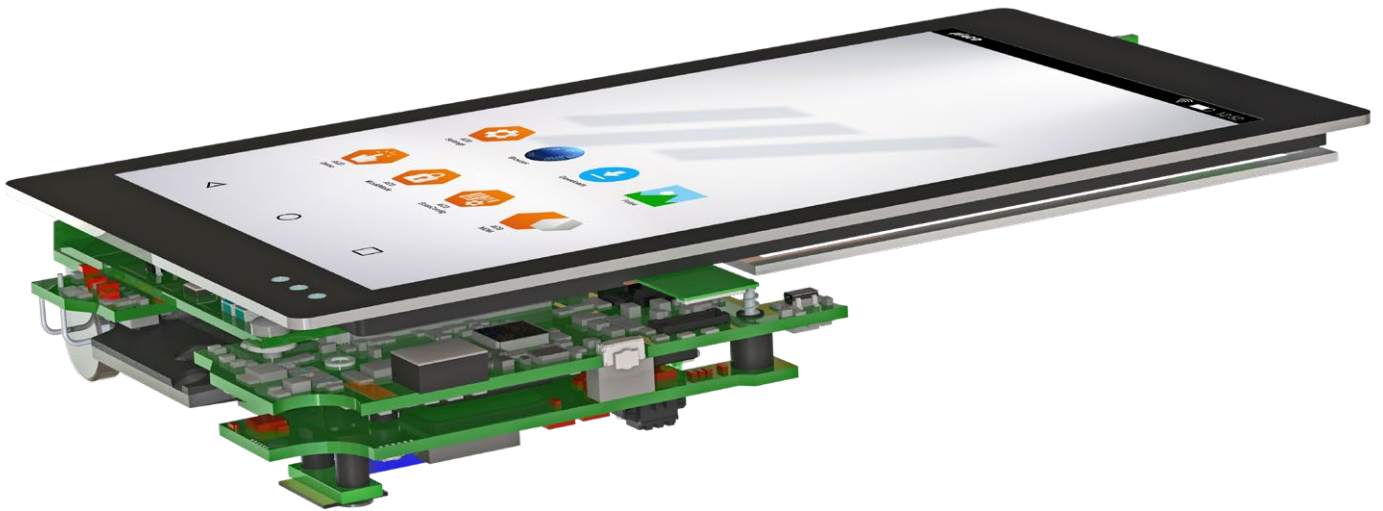
# ANDROID™ INDUSTRIAL+ EMBEDDED BUILDING KIT

Quickly to the customized  
embedded system

- ✓ Modular platform for customized projects
- ✓ Proven and reliable components
- ✓ Secure operating system Android™ Industrial+
- ✓ Optimized time-to-market
- ✓ Support of the product over the entire life cycle



# ANDROID™ INDUSTRIAL+ EMBEDDED BUILDING KIT



## Your individual embedded system from a single source

Standard solutions are often unsuitable for a special application, but in-house developments are often too complex and too expensive.

The solution: **The modular Android™ Industrial+ embedded building kit „Made in Germany“**

With our modular and industry-suitable platform, e.g. customer-specific operator interfaces can be developed and manufactured cost-efficiently.

Based on our portable devices and the Android™ Industrial+ operating system, we offer the possibility to build on top of a customizable industrial platform. Customers can thus assemble an embedded system tailored to their requirements.

A comprehensive building kit full of proven and reliable components such as displays, camera modules, wireless modules, etc. is available. Android™ Industrial+ is used as the operating system - a highly secure Android™ derivative optimized for professional use.

## Our services:



Short time-to-market



Support with approvals and certifications



Comprehensive hardware and software support



Many years of experience in design, development, engineering and production of portable devices



Extensive Android™ experience with large development team

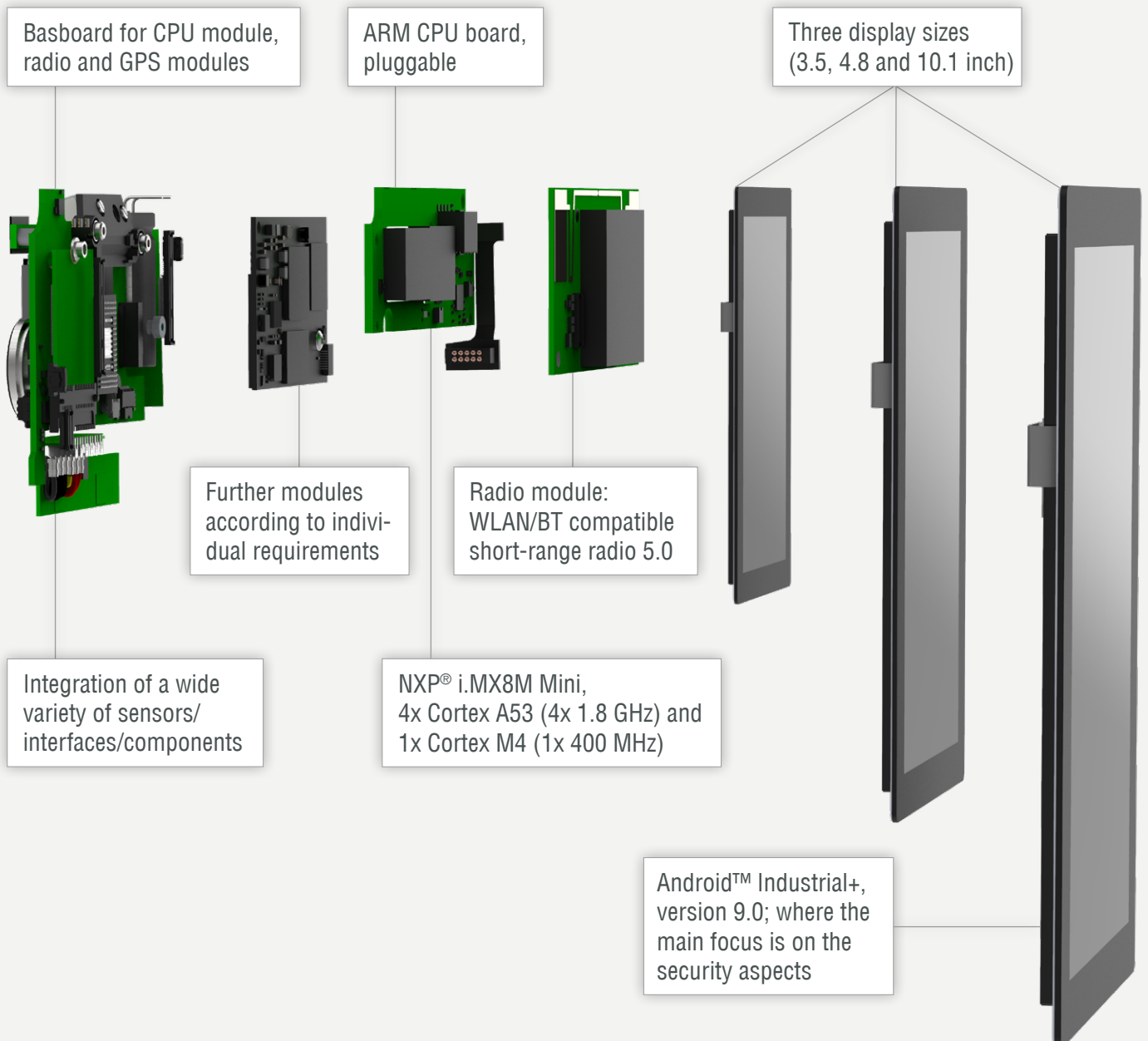


Four manufacturing locations with high vertical integration for a secure supply chain



Low development risk with ACD as a holistic development partner

Choose from our industrial building kit to build your own embedded system quickly and specifically:



Or completely customizes according to your requirements! We do not only deliver single components, but a complete working system, including a secure operation system.

ACD as a holistic development partner serves customers throughout the entire product life cycle and offers full support in all areas (software, hardware, design, approvals, etc.).



## YOUR SOLUTION IN DETAIL



### The right display size for every application

Our embedded building kit provides touchscreens with 3.5 inches (8.9 cm), 4.8 inches (12.2 cm) and 10.1 inches (25.7 cm) to choose from. The screens have resolutions of 640 x 480, 1280 x 720 and 1280 x 800 pixels respectively. Other display sizes can be implemented individually.

### Optimized Android™ for high data security

In industrial use, the focus is on system security, data integrity and long-term availability. Therefore, we decided to develop an industrial-grade variant of the popular Android™ operating system. Android™ Industrial+ combines system security and lifetime support with the modern user interface familiar from Android™ smartphones. Android™ Industrial+ works independently of external services; all source code is held by the manufacturer in Germany.

This approach ensures that no data is transferred to third parties and that the software - just like the hardware of the embedded construction kit - is available for the long term. In addition, this also enables subsequent customer-specific adaptations. We deliver security patches promptly via OTA (over the air) updates so that the devices are always up to date.

### Focused use with coordinated apps and tools

Supporting components for professional use are the available apps and software tools. Matched to the hardware and operating system of the device, the appropriate ACD apps facilitate the initial setup and diagnosis of the system as well as the configuration of modular extensions.

The bottom line is that Android™ Industrial+ embedded modular system offers you the possibility to realize embedded systems designed for professional use that are tailored to your needs quickly and with plannable effort. On the basis of selected platform components, you can develop your own device, whereby you can receive comprehensive support from our development team at any time. Or we can take over the complete hardware and software development including manufacturing in close coordination.

**Please feel free to contact us:**

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**Direct link to Embedded Building Kit webpage:**

