

ANDROID™ INDUSTRIAL+ EMBEDDED BUILDING KIT

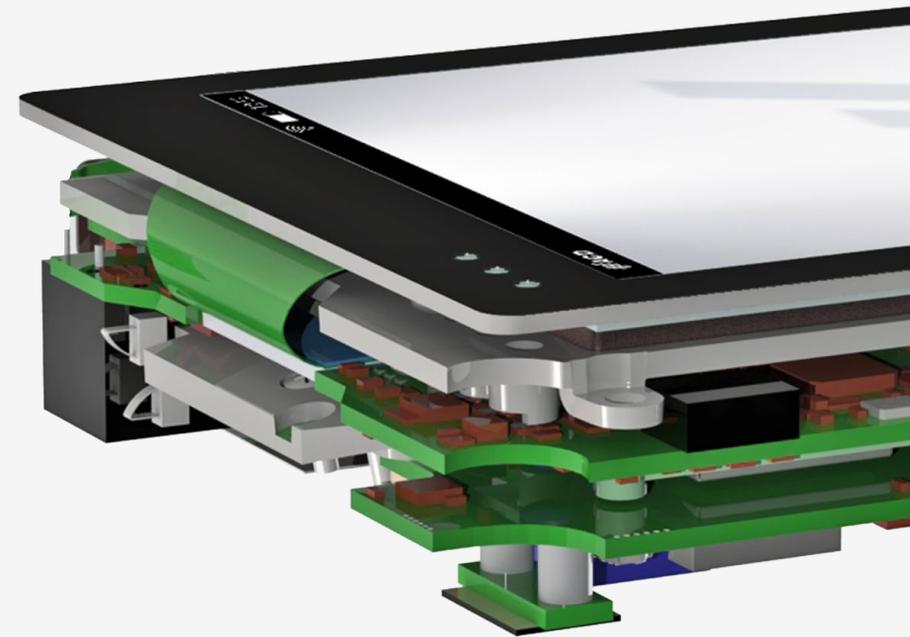


Quickly to the customized embedded system

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

The solution: **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 variant 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



Low development risk
with ACD as a holistic
development partner

ANDROID™ INDUSTRIAL+ EMBEDDED BUILDING KIT



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



Or completely customized according to your requirements! We do not only deliver single components, but a complete working system including a secure operating 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 the 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:

ACD Elektronik GmbH
Engelberg 2
88480 Achstetten

+49 7392 708-499
sales@acd-elektronik.de
www.acd-gruppe.de/en

Direct link to Embedded Building
Kit webpage:

