



# Solutions for Arm

High-performance tools, 9,200+ supported devices, professional support and services

With decades of experience with Arm, IAR offers the broadest device support in the industry. Our robust ecosystem, independent offerings, and cutting-edge technology ensure your Arm-based products are supported for today and tomorrow.

## Key capabilities

- All-in-one IDE: Compiler, assembler, linker, and debugger in one seamless environment.
- Best-in-class optimization: Built by compiler experts to maximize code performance.
- Advanced debugging: Including power debugging, breakpoints, and enhanced tools like I-jet and I-jet Trace.
- Seamless static & runtime analysis: Integrated tools to ensure reliability and efficiency.
- RTOS & middleware ready: Pre-integrated solutions for faster development.
- Extensions for VS Code and Eclipse: Easily integrate into your preferred development environments.
- Globally trusted: Thousands of developers worldwide rely on our tools for success.
- Security & safety: Solutions to ensure secure and encrypted code, including certified tools for functional safety.
- Automated workflows: Cross-platform build tools that integrate smoothly with CI/CD pipelines.



## Supported Arm cores

Cortex-M0	Cortex-R4	Cortex-A15
Cortex-M0+	Cortex-R5	Cortex-A17
Cortex-M1	Cortex-R7	Cortex-A32
Cortex-M3	Cortex-R8	Cortex-A35
Cortex-M4	Cortex-R52	Cortex-A53
Cortex-M7	Cortex-R52+	Cortex-A55
Cortex-M23	Cortex-R82	Cortex-A57
Cortex-M33	Cortex-A5	Cortex-A72
Cortex-M52	Cortex-A7	Arm11
Cortex-M55	Cortex-A8	Arm9
Cortex-M85	Cortex-A9	Arm7
		SecurCore

# Powerful capabilities for Arm development

## Integrated static and runtime analysis

The static analysis tool C-STAT, fully integrated with IAR Embedded Workbench, helps uncover potential code issues at the source level. It ensures compliance with standards like SEI CERT C and checks against MISRA C:2004, MISRA C++:2008, MISRA C:2012 and MISRA C:2023 and CWE rules to build safe, secure, and reliable systems.

Meanwhile, C-RUN offers flexible runtime analysis for bounds, arithmetic checks, and memory leaks, seamlessly fitting into your workflow for both unit and integration testing.

## Functional safety and security

The IAR Solutions for Arm come in TÜV SÜD-certified safety editions, meeting rigorous standards IEC 61508, ISO 26262, IEC 62304, EN 50128, EN 50657, IEC 60730, ISO 13849, IEC 62061, IEC 61511 and ISO 25119. With the Embedded Trust extension, you can secure your applications with encrypted code—ensuring compliance with IoT security regulations without the need for deep security expertise.

## Automated workflows with cross-platform benefit

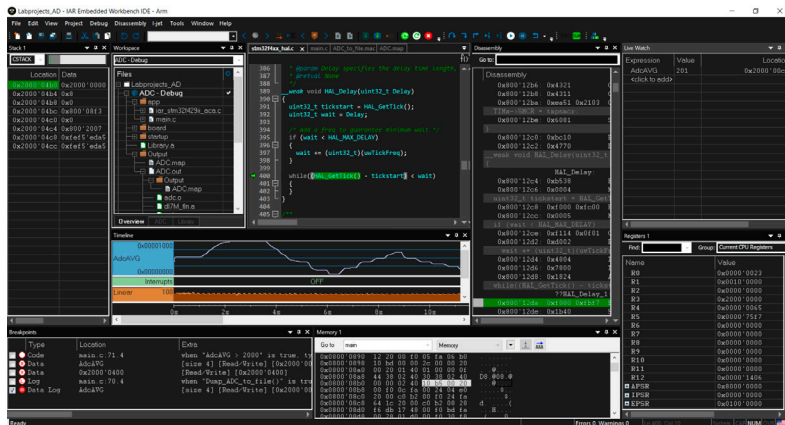
The IAR Build Tools for Arm streamline automated build processes, supporting modern server topologies on Ubuntu, Red Hat, and Windows, ideal for CI/CD pipelines using VMs, Docker, and Self-hosted Runners.

## Advanced debugging and trace capabilities

Enhance your team's efficiency with I-jet for advanced debugging and I-jet Trace for full code coverage, tracing every executed instruction—crucial for standards requiring code coverage proof.

## Professional technical support

We have global processes in place to ensure we deliver an efficient and smooth experience. IAR customers can get access to technical customer support in multiple time zones globally, as well as the latest updates and features for your product license.



## Ready to boost your embedded development?

Try IAR Embedded Workbench for Arm with a free 14-day evaluation. Experience its efficiency and ease of use firsthand. Simply register and download your free trial today at [iar.com/eval](https://iar.com/eval).