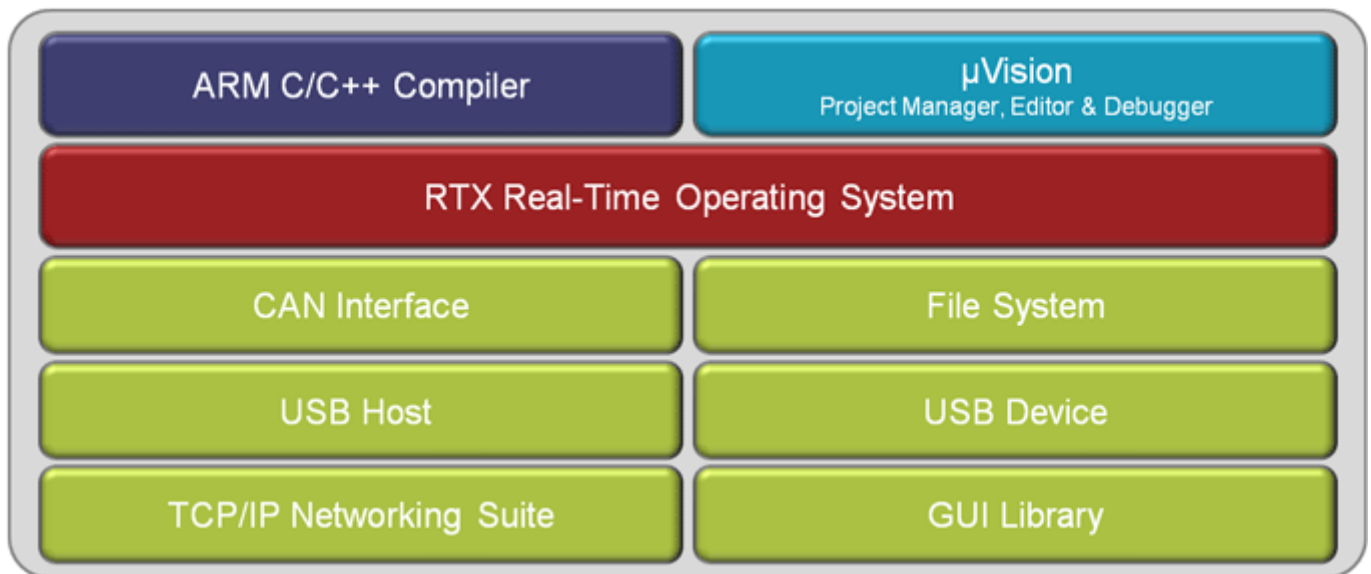# MDK-ARM Microcontroller Development Kit

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The MDK-ARM is a complete software development environment for Cortex™-M, Cortex-R4, ARM7™ and ARM9™ processor-based devices. MDK-ARM is specifically designed for microcontroller applications, it is easy to learn and use, yet powerful enough for the most demanding embedded applications.

Features

- Complete support for Cortex-M, Cortex-R4, ARM7, and ARM9 devices
- Industry-leading ARM C/C++ Compilation Toolchain
- µVision4 IDE, debugger, and simulation environment
- Keil RTX deterministic, small footprint real-time operating system (with source code)
- TCP/IP Networking Suite offers multiple protocols and various applications
- USB Device and USB Host stacks are provided with standard driver classes
- Complete GUI Library for embedded systems with graphical user interfaces
- ULINK*pro* enables on-the-fly analysis of running applications and records every executed Cortex-M instruction
- Complete Code Coverage information about your program's execution
- Execution Profiler and Performance Analyzer enable program optimization
- Numerous example projects help you quickly become familiar with MDK-ARM's powerful, built-in features
- CMSIS Cortex Microcontoller Software Interface Standard compliant

MDK-ARM is available in four editions: MDK-Lite, MDK-Basic, MDK-Standard, and MDK-Professional. All editions provide a complete C/C++ development environment and MDK-Professional includes extensive middleware libraries. Refer to the Product Selector for more details.

✎Note
- MDK-Lite (32KB) Edition is available for download. It does not require a serial number or license key.
- MDK-Lite can be converted into other MDK-ARM Editions with a valid Product Serial Number.

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