


IAR

The following IAR compilers are supported:

- [IAR Compiler for ARM v. 6.6x](#)
- [IAR Compiler for ARM v. 6.7x](#)
- [IAR Compiler for ARM v. 7.4x](#)
- [IAR Compiler for ARM v. 7.8x](#)
- [IAR Compiler for ARM v. 8.11.x](#)
- [IAR Compiler for ARM v. 8.20x](#)
- [IAR Compiler for ARM v. 8.22x](#)
- [IAR Compiler for ARM v. 8.40x](#)
- [IAR Compiler for M16C & R8C v. 3.5x](#)
- [IAR Compiler for MSP430 v. 6.1x](#)
- [IAR Compiler for RX v. 2.5x](#)
- [IAR Compiler for RX v. 2.6x](#)
- [IAR Compiler for RX v. 3.10.x](#)
- [IAR Compiler for STM8 v. 1.4x](#)
- [IAR Compiler for RL78 v. 3.10.x](#)
- [Deprecated Compilers](#)
 - [IAR Compiler for ARM v. 6.1x](#)
 - [IAR Compiler for ARM v. 6.3x](#)
 - [IAR Compiler for MSP430 v. 5.4x](#)

 Embedded Workbench projects are only supported for select toolchains. For details on support for IAR Embedded Workbench and compilers, see [IAR Embedded Workbench Support](#).

IAR Compiler for ARM v. 6.6x

- Compiler acronym: iccarm_6_6
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for ARM v. 6.7x

- Compiler acronym: iccarm_6_7
- Host OS: Windows
- Supported practices: Full support
- Support level: [Standard](#)

IAR Compiler for ARM v. 7.4x

- Compiler acronym: iccarm_7_4
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for ARM v. 7.8x

- Compiler acronym: iccarm_7_8
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for ARM v. 8.11.x

- Compiler acronym: iccarm_8_11
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for ARM v. 8.20x

- Compiler acronym: iccarm_8_20

- Host OS: Windows (x86 and x64)
- Supported languages: C++98, C++11, C++14
- Supported practices: static analysis
- Support level: [Standard](#)

IAR Compiler for ARM v. 8.22x

- Compiler acronym: iccarm_8_22
- Host OS: Windows (x86 and x64)
- Supported languages: C++98, C++11, C++14
- Supported practices: static analysis, unit testing
- Support level: [Extended](#)

IAR Compiler for ARM v. 8.40x

- Compiler acronym: iccarm_8_40
- Host OS: Windows (x86 and x64)
- Supported languages: C++98, C++11, C++14
- Supported practices: static analysis, unit testing
- Support level: [Extended](#)

IAR Compiler for M16C & R8C v. 3.5x

- Compiler acronym: iccm16c_3_5
- Host OS: Windows
- Supported practices: static analysis
- Support level: [Standard](#)

IAR Compiler for MSP430 v. 6.1x

- Compiler acronym: icc430_6_1
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for RX v. 2.5x

- Compiler acronym: iccrx_2_50
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for RX v. 2.6x

- Compiler acronym: iccrx_2_60
- Host OS: Windows
- Supported practices: Full support
- Support level: [Standard](#)

IAR Compiler for RX v. 3.10.x

- Compiler acronym: iccrx_3_10
- Host OS: Windows
- Supported practices: Full support
- Support level: [Standard](#)

IAR Compiler for STM8 v. 1.4x

- Compiler acronym: iccstm8_1_40
- Host OS: Windows
- Supported practices: static analysis
- Support level: [Extended](#)

See [About EWSTM8](#) for additional usage information.

IAR Compiler for RL78 v. 3.10.x

- Compiler acronym: iccrl78_3_10
- Host OS: Windows
- Supported languages: C
- Supported practices: Full support
- Support Level: [Standard](#)

See [About EWRL78](#) for additional usage information.

Deprecated Compilers

The following compiler configurations are now deprecated:

IAR Compiler for ARM v. 6.1x

- Compiler acronym: iccarm_6_1
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for ARM v. 6.3x

- Compiler acronym: iccarm_6_3
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

IAR Compiler for MSP430 v. 5.4x

- Compiler acronym: icc430_5_4
 - Host OS: Windows
 - Supported practices: Full support
 - Support level: [Extended](#)
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About Support Levels

- **Extended:** Support has been validated with extended testing and is approved for use in safety-critical software development.
- **Standard:** Support has been validated with standard testing and is approved for use in non-safety critical software development.