

# Renesas

The following Renesas compilers are supported:

- [M16C/R8C C Compiler 5.4x](#)
- [RX C/C++ Compiler 2.2x](#)
- [RX C/C++ Compiler 2.5x](#)
- [SH Series C/C++ Compiler V.5.1x.x](#)
- [SH Series C/C++ Compiler V.9.03.xx](#)
- [SH Series C/C++ Compiler V.9.04.xx](#)

## M16C/R8C C Compiler 5.4x

- Compiler acronym: rm16c\_5\_4
- Host OS: Windows
- Supported practices: static analysis
- C-only
- Support level: [Extended](#)

## RX C/C++ Compiler 2.2x

- Compiler acronym: renrx\_2\_2
- Host OS: Windows
- Supported practices: static analysis
- Support level: [Extended](#)

## RX C/C++ Compiler 2.5x

- Compiler acronym: renrx\_2\_5
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

## SH Series C/C++ Compiler V.5.1x.x

- Compiler acronym: hew\_5\_1
- Host OS: Windows
- Supported practices: static analysis
- Support level: [Standard](#)
- Full support for C with limited support for C++

## SH Series C/C++ Compiler V.9.03.xx

- Compiler acronym: hew\_9\_3
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)
- Full support for C with limited support for C++

## SH Series C/C++ Compiler V.9.04.xx

- Compiler acronym: hew\_9\_4
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)
- Full support for C with limited support for C++

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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.