

# 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](#)

High Performance Embedded Workshop projects are supported via the import wizard. See [Renesas HEW Support](#) for additional information.

## RX C/C++ Compiler 2.2x

- Compiler acronym: `renrx_2_2`
- Host OS: Windows
- Supported practices: static analysis
- Support level: [Extended](#)

High Performance Embedded Workshop projects are supported via the import wizard. See [Renesas HEW Support](#) for additional information.

## RX C/C++ Compiler 2.5x

- Compiler acronym: `renrx_2_5`
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

High Performance Embedded Workshop projects are supported via the import wizard. See [Renesas HEW Support](#) for additional information.

## 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++

High Performance Embedded Workshop projects are supported via the import wizard. See [Renesas HEW Support](#) for additional information.

## 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++

High Performance Embedded Workshop projects are supported via the import wizard. See [Renesas HEW Support](#) for additional information.

## 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++

High Performance Embedded Workshop projects are supported via the import wizard. See [Renesas HEW Support](#) for additional information.

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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.