

## [Upgrade to Revision]

R20TS0908EJ0101

Rev.1.01

## C/C++ Compiler Package for RX Family V3.05.00

Jan. 16, 2023

## Outline

C/C++ Compiler Package for RX Family [CC-RX] has been updated from V3.04.00 to V3.05.00.

The license for V3 is required for V3.00.00 and later.

Note: The V1 license is for V1.00.00 to V1.02.01. The V2 license is for V2.00.00 to V2.08.01.

## 1. Products to Be Updated

CC-RX V3.00.00, V3.01.00, V3.02.00, V3.03.00, V3.04.00

## 2. Description

Main changes are as follows. For details, see the release note at the link below.

(The note is applicable as of January 20.)

<https://www.renesas.com/rx-c-documentation>

C/C++ Compiler Package for RX Family V3.05.00 Release Notes

## 2.1 Support for the trigonometric function unit (TFUv2)

Added -tfu\_version option, -nosave\_tfu option, interrupt specifications, intrinsic functions to use trigonometric function unit (TFUv2).

## 2.2 Specification of multiple -crc options

Specifying multiple -crc options at the same time enables CRC calculation in multiple areas at once.

## 2.3 Modification of the specifications of the -nostuff option

Previously, an error would occur if the same section type was specified multiple times for the -nostuff option. Such specification is now allowed and operated as if it were specified once for each section type.

## 2.4 Disabling the output of a message when using the va\_start macro

The problem of an unnecessary warning (W0520549) occurring when using the va\_start macro has been eliminated.

## 2.5 Rectification of an error when including RXv2 and RXv3 objects in linkage

The problem of an error (F0563020: No cpu information in input files) occurring when including RXv2 and RXv3 objects in linkage has been rectified.

For reference:

FAQ 3000658: <https://en-support.renesas.com/knowledgeBase/20612403>

## 2.6 Rectified point for caution

The following point for caution no longer applies.

- RENESAS TOOL NEWS: R20TS0857EJ0100

1. Use of the -branch\_chaining Option (No. 65)

For details of the problem, refer to the link below.

<https://www.renesas.com/rx-c-documentation>

[Notes] C/C++ Compiler Package for RX Family (No. 65)

### 3. Updating the Product

#### 3.1 Online update

On the Windows Start menu, select [Renesas Electronics CS+], and then run the update manager.

(The service is available as of January 20.)

If you are using a floating license, the Software for floating license management V2.04.00 is required. Download and install it from the link below.

<https://www.renesas.com/rx-c-download>

Software for floating license management V2.04.00

#### 3.2 Download the installer

Download the installer from the link below. (The installer is available as of January 20.)

<https://www.renesas.com/rx-c-download>

RX Compiler CC-RX V3.05.00

Note that License Manager V2.06.00 is required. Download and install it from the link above.

If you are using a floating license, the Software for floating license management V2.04.00 is also required. Download and install it from the link above.

### 4. Purchasing the Product

Contact a Renesas Electronics distributor and inform them of the product information.

The product is also available for purchase online. Visit the product web page at the link below and click on the Buy/Quote button of the desired package.

For product names and orderable part numbers, see the web page.

<https://www.renesas.com/rx-c-order>

## Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jan.16.23	-	First edition issued
1.01	Jul.01.23	1	Added support for TFUv2.

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