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[Upgrade to Revision]

R20TS1101EJ0100

Rev.1.00

C/C++ Compiler Package for RX Family V3.07.00

Jan. 20, 2025

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## Outline

The C/C++ compiler package CC-RX for the RX family has been updated to V3.07.00.

V3.07.00 includes additional support for weak symbols and fixes some issues.

### 1. Products to Be Updated

For Windows: CC-RX V3.00.00 to V3.06.00

For Linux: V3.06.01 to V3.06.02

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.

### 2. Description

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

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

C/C++ Compiler Package for RX Family V3.07.00 Release Note

#### 2.1 Support for the definition of weak symbols in assembly language

Weak symbols can now be defined in assembly language.

#### 2.2 Improvement to optimization by the -case option

Optimization in cases where specification of the -case=auto option is specified was improved.

#### 2.3 Fixed the issue in the note

The following note issue in the Tool News has been fixed.

Note on counting of the inner loop in a nested loop structure (No. 68)

Refer to the tool news in the link below for the details of the note.

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

[Notes] C/C++ Compiler Package for RX Family (No. 68)

#### 2.4 Other changes and improvements

The following changes and improvements have been made.

- Fixed the issue of the output of cross-reference information

In V3.04.00 to V3.06.00, a cross-reference file was not generated for a C++ file.

This problem has been fixed.

- Fixed the issue of the library generator(lbgrx) for Linux

F0593321 error could occur when multiple accounts used the library generator on Linux.

This problem has been fixed.

- Correction of internal errors

Internal errors sometimes occurred in the build process in previous revisions.

These errors have been corrected.

### 3. Updating the Product

#### 3.1 Online Update [For Windows only]

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

If you are using a floating license, the Software for floating license management is required.

Download and install it from the link below.

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

#### 3.2 Downloading the Installer

Download the installer RX Compiler CC-RX V3.07.00 from the link below.

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

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

If you are using a floating license, the Software for floating license management is also required.

Download and install it from the link above.

### 4. Purchasing the Product

Contact your local Renesas Electronics sales office or distributor and inform them of the product information.

For the price of the product, contact the sales office or distributor.

For the product name and orderable part number, refer to the link below.

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

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Jan.20.25	-	First edition issued

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The URLs in the Tool News also may be subject to change or become invalid without prior notice.

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