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Description

Features

Release Information

Target Devices

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· CC-RL supports the new device <u>RL78/G24</u> (https://www.renesas.com/us/en/products/microcontrollers-microprocessors/rl78-low-power-8-16-bit-mcus/rl78g24-new-generation-rl78-general-purpose-microcontrollers-highest-

<u>rl78-processing-performance-and</u>) with highest RL78 processing performance.

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In development of embedded systems, C Compilers for RL78 Family offers the powerful optimizations for enhancing execution speed and code efficiency, and the utilities to increase productivity. Products differ depending on each integrated development environment.

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^

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e2 studio Creating and executing build CMake project (/us/en/document/apn/e-studio-creating-andexecuting-build-cmake-project?r=488776) PDF 1.11 MB 日本語 Application Note Jun 28, 2022 <u>(/us/en/document/apn/e-studio-creating-</u> and-executing-build-cmake-project? language=ja&r=488776) **Renesas Compilers Professional Editions** (/us/en/document/apn/renesas-compilersprofessional-editions?r=488776) **Application Note** Mar 15, 2021 PDF 2.33 MB 日本語 (/us/en/document/apn/renesas-compilers-

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FAQs: CC-RL (https://en-support.renesas.com/search/CC-RL)

Contact Technical Support (/us/en/support? nid=488776&issue_type=technical)

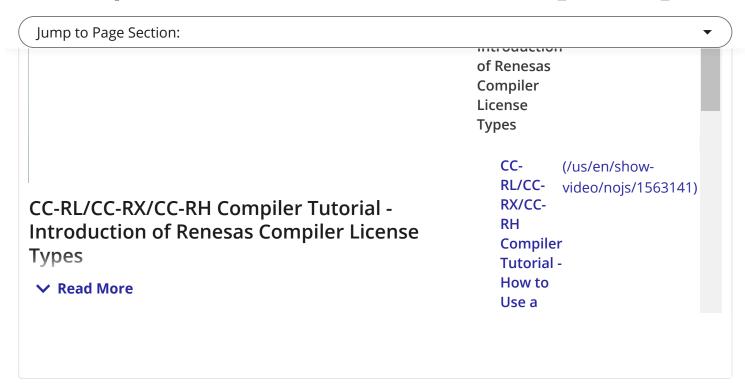
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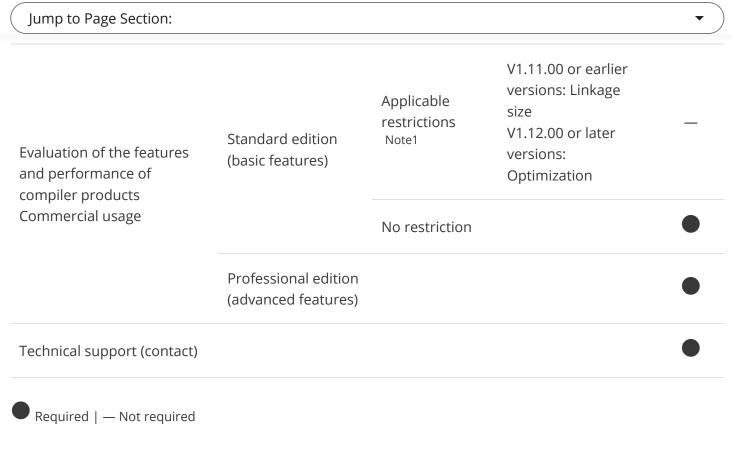
When purchasing a compiler package, contact your nearest <u>distributor</u> (/us/en/buy-sample/locations).

Alternatively, Web sites for online sales are accessible by clicking on a [Buy/Quote] button in the table below.

- We offer various licenses to suit a range of needs. Refer to <u>Compiler Licenses</u> (/us/en/software-tool/compiler-licenses) for details.
- The license keys of the compiler included in the packages for each of the products are usable with either CS+ or the e² studio.
 - In the Americas and Europe, use the e² studio instead of the CS+.
- The C Compiler Package no longer includes the installation medium (CD/DVD). Please obtain the installer from each product page.
- 1.01.00 or later versions of CC-RL support both floating licenses and annual licenses.

License Requirements

Regardless of whether you have a license or not, all versions of CC-RL can be used for commercial purposes such as development and production. If you will be using the CC-RL beyond the restrictions on the linkage size or optimization or would prefer to use the professional edition, consider purchasing a license for CC-



Note:

- 1. Applicable restrictions
 - V1.11.00 and earlier versions: The linkage size is no more than 64 KB.
 - V1.12.00 and later versions: The only available levels of optimization are -Onothing (debug precedence) or -Olite (partial optimization).

Licenses for Newly Purchasing the Latest CC-RL

Give the part number from the list below to the distributor. Web sites for online sales are also accessible by clicking on a [Buy/Quote] button in the table below.



Important

Each of the compiler packages listed below comes with a license which allows you to use the latest version of CC-RL.

Jump to Page Section:

annual	Node- Locked	standard	Low price RTCRL7800CB01WNR	Buy/Quote (https://www.mouser.com/ProductDet Electronics/RTCRL7800CB01W qs=Znm5pLBrcAJTWT%2FAX8QFsQ9
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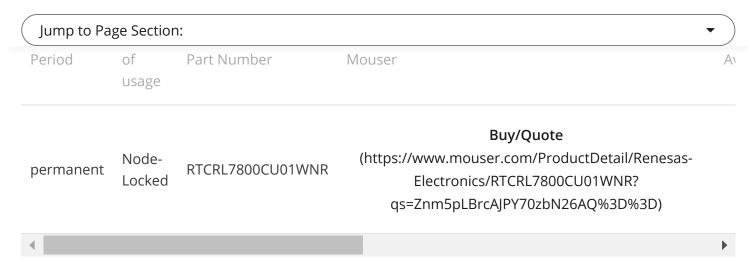


For multiple licenses, the end of the part number depends on the number of licenses.

- For Node-Locked licenses, L5, LA, or LT is added at the end of the part number depending on the number of licenses (5, 10, or 20).
 - (For example, when the number of licenses is 5, the part number is RTCRL7800CL01WNRL5)
- For Floating licenses, the last numeric character "1" at the end of the part number is replaced by 5, A, or T depending on the number of licenses (5, 10, or 20).
 - (For example, when the number of licenses is 5, the part number is RTCRL7800CL01WNRN5)

License for Upgrading from the CC-RL Standard Edition to the Professional Edition

Give the part number from the list below to the distributor. Web sites for online sales are also accessible by clicking on a [Buy/Quote] button in the table below.



Note:

- 1. Node-Locked license for CC-RL standard version (permanent) is required.
- 2. This form of upgrade (of the edition) is only for node-locked licenses; it will not apply to floating licenses and annual licenses.

For multiple licenses, the end of the Part Number changes depending on the number of licenses.

• For Node-Locked licenses, L5, LA, or LT is added at the end of the part number depending on the number of licenses (5, 10, or 20).

(For example, when the number of licenses is 5, the part number is RTCRL7800CU01WNRL5)

Related Services

Compiler Qualification (Service to Support Functional Safety)

For customers who are using a compiler for Renesas devices, we offer a support service for the qualification of confidence that development tools meet the requirements of ISO 26262, Road Vehicles Functional Safety. This service incurs a charge.

Compiler Qualification (/us/en/software-tool/compiler-qualification)

Compiler Maintenance Service (Agreement for Maintenance Service for a Specified Compiler Version)

Renesas offers a maintenance service for a specific compiler version for customers who are using the compiler over the long term. This service incurs a charge.

Compiler Maintenance Service (/us/en/software-tool/compiler-maintenance-service)

Assistance with Compiler Migration



Jump to Page Section:

changing compilers, such as differences in options and in extended language specifications.

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