

Release Note

Thank you for using the Renesas Electronics integrated development environment.

This document describes how to install and using the License Manager. Read this document before using the package.

Contents

Chapter 1. User's Manuals	2
Chapter 2. Operating Environment.....	3
Chapter 3. Improvements and Changes	4
Chapter 4. Functions	5
Chapter 5. Points for Caution	10
Revision Record	11

Chapter 1. User's Manuals

Please read the following user's manuals along with this document.

The stated version numbers may differ from that of the product depending on whether the user's manuals have been revised.

Manual Name	Document Number
License Manager V2.09.00 User's Manual	R20UT5725EJ0100
License Manager V2.09.00 (for Linux) User's Manual	R20UT5727EJ0100
License Manager V2.10.00 (for macOS) User's Manual	R20UT5766EJ0100
Software for Floating License Management V2.09.00 User's Manual	R20UT5726EJ0100
Software for Floating License Management V2.10.00 (for Linux/macOS) User's Manual	R20UT5767EJ0100

Chapter 2. Operating Environment

2.1 Hardware environment

[Linux]

- Processor and main memory that provide a comfortable user experience of the software described in section 2.2, Software environment.

[macOS]

- System: 1.8 GHz or faster 64-bit processor. Dual-core or better recommended. Apple Silicon (arm64) processors are only supported.
- Memory capacity: 4GB of RAM; 8GB of RAM recommended
- Capacity of hard disk: At least 2 GB of free space.

2.2 Software environment

OS [Linux]

- Ubuntu 22.04 LTS Desktop (64-bit version)
- Ubuntu 24.04 LTS Desktop (64-bit version)

OS [macOS]

- macOS 14 Sonoma
- macOS 15 Sequoia

License Manager

- License Manager V2.08.00 or later
- License Manager V2.08.00 (for Linux) or later
- License Manager V2.10.00 (for macOS) or later

Chapter 3. Improvements and Changes

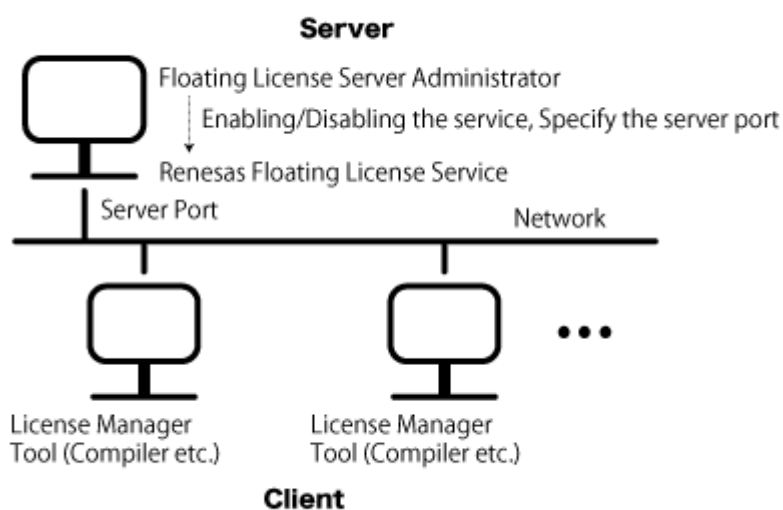
3.1 Improvement to the specification of licenses by displaying the details of a license or deleting a license

The `--interactive` option for interactive mode has been added. It allows the user to display the details of a license or delete a license through the specification of the serial number instead of with the use of the license key. For more information, refer to the Software for Floating License Management V2.10.00 (for Linux/macOS) User's Manual.

Chapter 4. Functions

4.1 General

Node-locked and floating licenses are provided to use tools related to the integrated development environments for microcontrollers from Renesas.



Using a floating license with a tool related to the integrated development environment for microcontrollers from Renesas requires the following settings.

- Software for floating license management
 - Enter a license key to add a floating license.
 - Enable the floating license service.
- License manager started by a user who is using tools related to the integrated development environment for microcontrollers from Renesas
 - Specify the information in the PC on which the floating license service is to run.

Proceeding with the settings above enables the use of tools in any PCs on a network within the range of the number of licenses.

4.2 Related Documentation

Please read the following release note along with this document.

Document Name	Document Number
License Manager V2.09.00 (for Windows) Release Note	R20UT5729EJ0100
License Manager V2.09.00 (for Linux) Release Note	R20UT5730EJ0100
License Manager V2.10.00 (for macOS) Release Note	R20UT5756EJ0100
Software for Floating License Management V2.09.00 (for Windows) Release Note	R20UT5731EJ0100

4.3 Glossary

Term	Description
Node-Locked License	<p>A license to be assigned to a particular PC.</p> <p>This license is managed by the license manager on the same PC on which tools related to the integrated development environment for microcontrollers from Renesas are to be executed.</p>
Floating License	<p>A license to be assigned to a server PC and used among PCs on a network.</p> <p>This license is managed by the software for floating license management on the same PC on which tools related to the integrated development environment for microcontrollers from Renesas are to be executed or on another PC.</p>
License Manager	<p>A tool for managing a license that mainly provides the following features.</p> <ul style="list-style-type: none"> ● Adding license keys for node-locked licenses ● Specifying an address and a port for the floating license service to enable the settings <p>Starting the use of a floating license in offline mode</p>
Software for Floating License Management	<p>A tool for managing the floating license service that mainly provides the following features.</p> <ul style="list-style-type: none"> ● Adding license keys for floating licenses ● Enabling floating license services <p>*Root privileges are required to use features other than those for displaying the version and usage.</p>
Floating License Service	<p>A service for providing the floating licenses to users with a limit on the period of use within the range of the number of licenses registered with the software for floating license management.</p>
Tools related to the integrated development environments for microcontrollers from Renesas	<p>This refers to tools such as compilers that require licenses. Check the state of registered licenses required for executing each tool.</p>

4.4 Installation

Specify the installer file name and enter the following in the terminal.

```
[Linux] $ sudo dpkg -i renesas-floating-license-server_2.10.00_amd64.deb
```

```
[macOS] % sudo installer -pkg floating-license-server_2.10.00_osx-arm64.pkg -target /
```

The installation location is as follows.

```
/usr/local/renesas-mcutools-license-server/bin/
```

4.5 Uninstallation

Enter the following in the terminal.

```
[Linux] $ sudo dpkg -r renesas-floating-license-server
```

```
[macOS] % sudo pkgutil --forget com.renesas.floating-license-server
```

```
[macOS] % sudo /usr/local/renesas-mcutools-license-server/bin/uninstall.sh
```

If you uninstall, the following warning will be displayed because the configuration file of the Software for Floating License Management exists in the installation directory.

```
[Linux] "directory '<path>' not empty so not removed"
```

```
[macOS] "not empty: /usr/local/share/renesas-mcutools-license-server"
```

If you reinstall it, you will be able to use it with the same settings, so there is no need to delete it.

If you want to delete all directories and files, delete the following directories after uninstallation.

```
/var/local/renesas-mcutools-license-server/
```

```
/usr/local/share/renesas-mcutools-license-server/
```

4.6 Using a Software for Floating License Management

4.6.1 Adding a Floating license

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --add <License key>
```

4.6.2 Checking the added Floating license

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --list
```

4.6.3 Removing a Floating license

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --delete <License key>
```

4.6.4 Enabling a floating license service

Enter the following command in the terminal.

```
$ sudo /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --enable-server-setting
```

[Linux] If a firewall function is enabled, allow the use of a port for the floating license server.

example:

```
$ sudo ufw allow 6723
```

4.6.5 Others

For other usage methods, enter the following command in the terminal.

```
$ /usr/local/renesas-mcutools-license-server/bin/floating-license-server-administrator --help
```

Chapter 5. Points for Caution

5.1 Point for Caution on Floating License Services

When the settings of the floating license server are enabled by the license manager immediately after a floating license service has been enabled, the E0172011 error message may be displayed.

In such cases, re-enable the settings of the floating license server with the license manager after a few minutes.

Message: E0172011: Failed to receive response from license server.

5.2 Updating the version of the license manager

License manager V2.08.00 or a later version is required to manage floating licenses with the software for floating license management V2.10.00 (for Linux/macOS).

If you will be using a floating license, update the version of the license manager by downloading it from the Web page for the given compiler package.

[C Compiler Package for RL78 Family \[CC-RL\] - Downloads](#)

[C/C++ Compiler Package for RX Family \[CC-RX\] - Downloads](#)

[C Compiler Package for RH850 Family \[CC-RH\] - Downloads](#)

Revision Record

Rev.	Date	Description	
		Page	Summary
1.00	Dec 01, 2025	-	First Edition issued

Notice

1. Descriptions of circuits, software and other related information in this document are provided only to illustrate the operation of semiconductor products and application examples. You are fully responsible for the incorporation or any other use of the circuits, software, and information in the design of your product or system. Renesas Electronics disclaims any and all liability for any losses and damages incurred by you or third parties arising from the use of these circuits, software, or information.
2. Renesas Electronics hereby expressly disclaims any warranties against and liability for infringement or any other claims involving patents, copyrights, or other intellectual property rights of third parties, by or arising from the use of Renesas Electronics products or technical information described in this document, including but not limited to, the product data, drawings, charts, programs, algorithms, and application examples.
3. No license, express, implied or otherwise, is granted hereby under any patents, copyrights or other intellectual property rights of Renesas Electronics or others.
4. You shall be responsible for determining what licenses are required from any third parties, and obtaining such licenses for the lawful import, export, manufacture, sales, utilization, distribution or other disposal of any products incorporating Renesas Electronics products, if required.
5. You shall not alter, modify, copy, or reverse engineer any Renesas Electronics product, whether in whole or in part. Renesas Electronics disclaims any and all liability for any losses or damages incurred by you or third parties arising from such alteration, modification, copying or reverse engineering.
6. Renesas Electronics products are classified according to the following two quality grades: "Standard" and "High Quality". The intended applications for each Renesas Electronics product depends on the product's quality grade, as indicated below.

"Standard": Computers; office equipment; communications equipment; test and measurement equipment; audio and visual equipment; home electronic appliances; machine tools; personal electronic equipment; industrial robots; etc.

"High Quality": Transportation equipment (automobiles, trains, ships, etc.); traffic control (traffic lights); large-scale communication equipment; key financial terminal systems; safety control equipment; etc.

Unless expressly designated as a high reliability product or a product for harsh environments in a Renesas Electronics data sheet or other Renesas Electronics document, Renesas Electronics products are not intended or authorized for use in products or systems that may pose a direct threat to human life or bodily injury (artificial life support devices or systems; surgical implantations; etc.), or may cause serious property damage (space system; undersea repeaters; nuclear power control systems; aircraft control systems; key plant systems; military equipment; etc.). Renesas Electronics disclaims any and all liability for any damages or losses incurred by you or any third parties arising from the use of any Renesas Electronics product that is inconsistent with any Renesas Electronics data sheet, user's manual or other Renesas Electronics document.

7. No semiconductor product is absolutely secure. Notwithstanding any security measures or features that may be implemented in Renesas Electronics hardware or software products, Renesas Electronics shall have absolutely no liability arising out of any vulnerability or security breach, including but not limited to any unauthorized access to or use of a Renesas Electronics product or a system that uses a Renesas Electronics product. RENESAS ELECTRONICS DOES NOT WARRANT OR GUARANTEE THAT RENESAS ELECTRONICS PRODUCTS, OR ANY SYSTEMS CREATED USING RENESAS ELECTRONICS PRODUCTS WILL BE INVULNERABLE OR FREE FROM CORRUPTION, ATTACK, VIRUSES, INTERFERENCE, HACKING, DATA LOSS OR THEFT, OR OTHER SECURITY INTRUSION ("Vulnerability Issues"). RENESAS ELECTRONICS DISCLAIMS ANY AND ALL RESPONSIBILITY OR LIABILITY ARISING FROM OR RELATED TO ANY VULNERABILITY ISSUES. FURTHERMORE, TO THE EXTENT PERMITTED BY APPLICABLE LAW, RENESAS ELECTRONICS DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THIS DOCUMENT AND ANY RELATED OR ACCOMPANYING SOFTWARE OR HARDWARE, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.
 8. When using Renesas Electronics products, refer to the latest product information (data sheets, user's manuals, application notes, "General Notes for Handling and Using Semiconductor Devices" in the reliability handbook, etc.), and ensure that usage conditions are within the ranges specified by Renesas Electronics with respect to maximum ratings, operating power supply voltage range, heat dissipation characteristics, installation, etc. Renesas Electronics disclaims any and all liability for any malfunctions, failure or accident arising out of the use of Renesas Electronics products outside of such specified ranges.
 9. Although Renesas Electronics endeavors to improve the quality and reliability of Renesas Electronics products, semiconductor products have specific characteristics, such as the occurrence of failure at a certain rate and malfunctions under certain use conditions. Unless designated as a high reliability product or a product for harsh environments in a Renesas Electronics data sheet or other Renesas Electronics document, Renesas Electronics products are not subject to radiation resistance design. You are responsible for implementing safety measures to guard against the possibility of bodily injury, injury or damage caused by fire, and/or danger to the public in the event of a failure or malfunction of Renesas Electronics products, such as safety design for hardware and software, including but not limited to redundancy, fire control and malfunction prevention, appropriate treatment for aging degradation or any other appropriate measures. Because the evaluation of microcomputer software alone is very difficult and impractical, you are responsible for evaluating the safety of the final products or systems manufactured by you.
 10. Please contact a Renesas Electronics sales office for details as to environmental matters such as the environmental compatibility of each Renesas Electronics product. You are responsible for carefully and sufficiently investigating applicable laws and regulations that regulate the inclusion or use of controlled substances, including without limitation, the EU RoHS Directive, and using Renesas Electronics products in compliance with all these applicable laws and regulations. Renesas Electronics disclaims any and all liability for damages or losses occurring as a result of your noncompliance with applicable laws and regulations.
 11. Renesas Electronics products and technologies shall not be used for or incorporated into any products or systems whose manufacture, use, or sale is prohibited under any applicable domestic or foreign laws or regulations. You shall comply with any applicable export control laws and regulations promulgated and administered by the governments of any countries asserting jurisdiction over the parties or transactions.
 12. It is the responsibility of the buyer or distributor of Renesas Electronics products, or any other party who distributes, disposes of, or otherwise sells or transfers the product to a third party, to notify such third party in advance of the contents and conditions set forth in this document.
 13. This document shall not be reprinted, reproduced or duplicated in any form, in whole or in part, without prior written consent of Renesas Electronics.
 14. Please contact a Renesas Electronics sales office if you have any questions regarding the information contained in this document or Renesas Electronics products.
- (Note1) "Renesas Electronics" as used in this document means Renesas Electronics Corporation and also includes its directly or indirectly controlled subsidiaries.
(Note2) "Renesas Electronics product(s)" means any product developed or manufactured by or for Renesas Electronics.

(Rev.5.0-1 October 2020)

Corporate Headquarters

TOYOSU FORESIA, 3-2-24 Toyosu,
Koto-ku, Tokyo 135-0061, Japan
www.renesas.com

Trademarks

Renesas and the Renesas logo are trademarks of Renesas Electronics Corporation. All trademarks and registered trademarks are the property of their respective owners.

Contact information

For further information on a product, technology, the most up-to-date version of a document, or your nearest sales office, please visit:
www.renesas.com/contact/.