

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.

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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
Software for Floating License Management V2.09.00 User's Manual	R20UT5726EJ0100
Software for Floating License Management V2.09.00 (for Linux) User's Manual	R20UT5728EJ0100

Chapter 2. Operating Environment

2.1 Hardware environment

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

2.2 Software environment

OS

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

Software for Floating License Management

- Software for Floating License Management V2.08.00 or later
- Software for Floating License Management V2.08.00 (for Linux) or later

Chapter 3. Improvements and Changes

3.1 Updating the operating environment

The software environment for running the license manager has been updated.

3.2 Changes to the floating license (offline mode)

For the floating license (offline mode), functionality has been added and the operation has been improved in the ways described below.

- When a floating license (offline mode) is in use, a function for indicating the current state of using the floating license has now been added to the license manager.
- When a floating license (offline mode) is forcibly terminated by the software for floating license management, the operation has now been improved so that the license is also invalidated on the license manager side.

Chapter 4. Functions

4.1 General

The license manager provides facilities for managing licenses which are required to use tools related to the integrated development environments for microcontrollers from Renesas.

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
Software for Floating License Management V2.09.00 (for Windows) Release Note	R20UT5731EJ0100
Software for Floating License Management V2.09.00 (for Linux) Release Note	R20UT5732EJ0100

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.

```
$ sudo dpkg -i license-manager_2.09.00_amd64.deb
```

The installation location is as follows.

```
/usr/local/renesas-mcutools/
```

4.5 Uninstallation

Enter the following in the terminal.

```
$ sudo dpkg -r license-manager
```

If you uninstall, the following warning will be displayed because the license manager configuration file exists in the installation directory.

```
“directory '<path>' not empty so not removed”
```

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.

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

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

```
~/renesas/mcutools-license
```

4.6 Using a License Manager

4.6.1 Adding a Node-Locked license

Enter the following command in the terminal.

```
$ /usr/local/renesas-mcutools/bin/license-manager --add <License key>
```

4.6.2 Removing a Node-Locked license

Enter the following command in the terminal.

```
$ /usr/local/renesas-mcutools/bin/license-manager --delete <License key>
```

4.6.3 Using a floating license

Using a floating license requires setting information in the software for floating license management.

Enter the following command in the terminal.

```
$ /usr/local/renesas-mcutools/bin/license-manager --enable-server-setting [<Address> [<Port>]]
```

4.6.4 Acquiring the offline mode for a floating license

You need to acquire the offline mode to use a floating license in the state where the computer is disconnected from the network environment.

To acquire the offline mode, proceed with the following operation in the state where the computer is connected to the network and the setting of the software for floating license management is enabled.

Enter the following command in the terminal to display the candidate types of offline mode.

```
$ /usr/local/renesas-mcutools/bin/license-manager --list-for-offline-mode
```

Enter the following command in the terminal to acquire the offline mode from among the candidate types of offline mode that have been displayed.

```
$ /usr/local/renesas-mcutools/bin/license-manager --get-offline-mode <Kind> [<Period>]
```

In the period over which the offline mode is enabled, you can continue to use the license even in the state where the software for floating license management cannot be connected.

4.6.5 Others

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

```
$ /usr/local/renesas-mcutools/bin/license-manager --help
```

Revision Record

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

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