

[Upgrade to Version]  
e<sup>2</sup> studio Integrated Development Environment 2026-04.2

R20TS1220EJ0100  
Rev.1.00  
May 20, 2026

Outline

We have updated the e<sup>2</sup> studio integrated development environment to 2026-04.2.

Major functional improvements and changes are as follows.

- New eclipse platform and new CDT support
- Improvements of Smart Configurator
- Improvements of debugger

For an overview of the product, refer to the following URL:

<https://www.renesas.com/e2studio>

1. Products to Be Updated

- e<sup>2</sup> studio versions from 2020-04 to 2025-12

To check the version of e<sup>2</sup> studio, click the [Help] menu of e<sup>2</sup> studio > [About e<sup>2</sup> studio] to open the dialog box.

2. Description

The main contents of the upgrade are described below. Refer to the release note below for details. The release note is available in the [Documentation] list on the e<sup>2</sup> studio product page. It will be available from May 20<sup>th</sup>.

<https://www.renesas.com/search?keywords=R20UT5833>

2.1 New Features, Improved Functionality

We have improved and changed the following.

For details about the improvements, refer to “What is new in 2026-04?” in the release note listed above.

2.1.1 New eclipse platform and new CDT support

Updated eclipse platform and the version of CDT (C/C++ Development Tooling).

Please refer to the following documents for details.

e <sup>2</sup> studio version	2025-12	2026-04.2	
eclipse	4.36(2025-06)	4.38(2025-12)	<a href="#">New and Noteworthy</a>
JRE(JustJ)	21.0.7	21.0.9	<a href="#">JustJ JREs</a>
OpenJFX	21.0.2	21.0.2	<a href="#">OpenJFX</a>
CDT	12.1.0	12.3.0	<a href="#">CDT New &amp; Noteworthy</a>

### 2.1.2 Improvements of Smart Configurator

- The following new version of Smart Configurator is supported. You can verify Smart Configurator version in Overview tab of Configurator view. Refer to Release note of the versions for details.

- ✧ Smart Configurator for RX V2.29.0

Improved features related to Renesas 365 and some FIT modules. Refer to Release Note of the Smart Configurator for details. Refer to the following document for the latest information about Renesas 365.

<https://www.renesas.com/en/renesas365/whats-new>

### 2.1.3 Improvements of Debugger Features

The following improvements have been implemented.

- RA debugger with E2 or E2 Lite emulators support external flash download. This feature require External Flash Rewriting Library which currently supports RA8 series with FSP 6.3.0 and later versions.
- Renesas RL78 SMS Command List view is supported in RL78 simulator debugger to browse SMS instructions in the view.

### 3. Updating Your Product

Download the installer from the e<sup>2</sup> studio product page (the following URL) and install the program. (2026-04.2 will be available from May 20<sup>th</sup>.)

<https://www.renesas.com/e2studio>

The installer is available in the [Downloads] section in the [Documentation & Downloads] list.

Note 1: You cannot use "Upgrade" installation for e<sup>2</sup> studio 2024-07 and older (older than Java 17) versions. Newer e<sup>2</sup> studio versions should be installed to new location instead of using "Upgrade" installation.

The destination folder path should not include any multi-byte characters, extended ASCII (half byte character greater than 0x7f) characters or symbol characters other than "\_" (underscore).

Note 2: Windows version of this product supports 64-bit Windows. This product does not work on 32-bit Windows.

Note 3: For FSP/SSP supported device families and groups (RA, RZ/T2x, RZ/N2x, RZ/A2x, RZ/A3x, RZ/G2x, RZ/G3x, RZ/V2x and Renesas Synergy™), installers are available which include the software packages.

Please refer to the following page for software packages and the installers :

Software - Middleware, Drivers, OS:

<https://www.renesas.com/design-support/software>

### 4. About RL78 open source compiler

GCC for Renesas RL78 toolchain development has already been finished. Please use LLVM for Renesas RL78 toolchain when developing a new product. The GCC for Renesas RL78 project creation feature will be deprecated in future version of the e<sup>2</sup> studio. Note that GCC for Renesas RL78 projects can be imported and built even after the new project creation feature is discontinued.

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	May 20.26	-	First edition issued

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