

[Upgrade to Revision]

R20TS1191EJ0100

Solution Toolkit

Rev.1.00

AI Navigator V2.1.0: IDE for AI Applications

Nov. 20, 2025

Outline

AI Navigator, an IDE for AI applications, has been updated from V2.0.1 to V2.1.0.

1. Applicable Product

V2.0.1 of AI Navigator, an IDE for AI applications

2. Description

For details of the update and supported devices, refer to the release note at the link below.

- AI Navigator V2.1.0 Release Note
<https://www.renesas.com/document/rln/ai-navigator-v210-release-note>

2.1 New features

- Support for the RA8 series

Sample AI applications have been added for the EK-RA8D1 evaluation board. In RA8 series devices, you can use “Use Your Project & AI Model” to develop AI applications by using your own AI models.

- Automatic installation of the RUHMI AI Framework (hereinafter, referred to as the RUHMI)

The buttons in Conversion Tool support downloading and installing the RUHMI and setting up an environment. In addition, you can also uninstall or update the RUHMI by following the instructions in the dialog boxes that are displayed in response to pressing the corresponding buttons in Conversion Tool.

A status indicator shows whether the RUHMI has been installed or not.

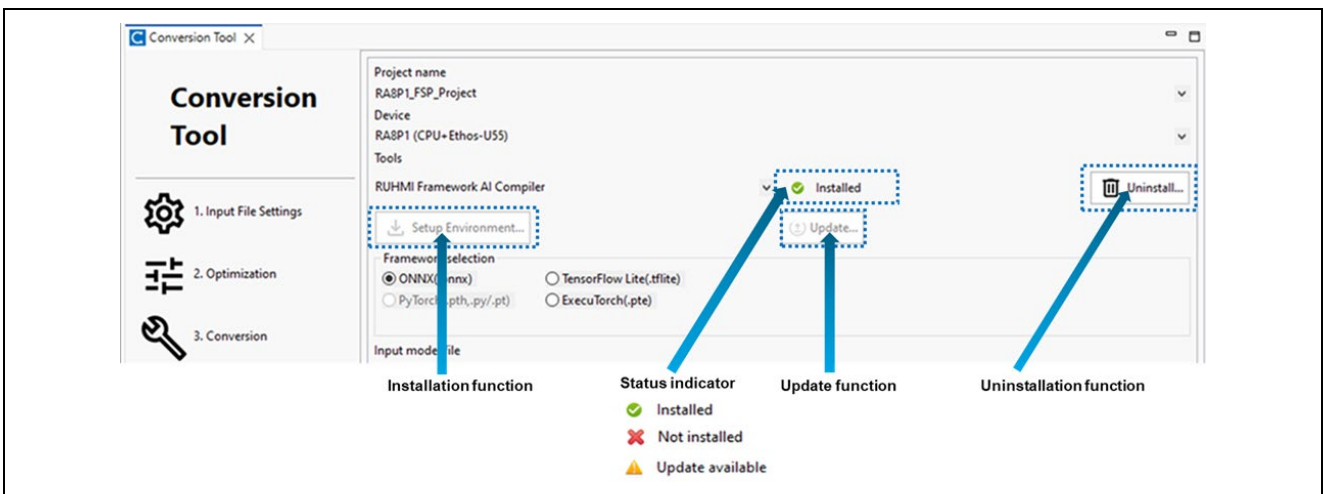


Figure 1 Status Indicator after Automatic Installation of the RUHMI and Buttons for Various Functions

2.2 Improved functionality

- Support for the conversion of AI models into the ExecuTorch (.pte) format
The conversion of AI models into the ExecuTorch (.pte) format is possible by using the RUHMI.
- Support for RZ/V AI TLT v6.00
The number of RZ/V AI applications that can be used in transfer learning has now been increased by the upgrade to this revision.

2.3 Addition of supported devices

RA Family: RA8 series

- For details on the boards with which operation has been checked, see “Related Boards & Kits” on the [AI Navigator Web page](#).

3. Installing and Using AI Navigator

Refer to the AI Navigator Quick Start Guide at the link below to learn how to install and use AI Navigator.

- RZ/V: https://renesas-rz.github.io/rzv_ai_sdk/latest/ainavi_quick_start_guide (GitHub)
- RA8: [Renesas RUHMI Framework^{*1} Quick Start Guide](#)

^{*1} Powered by EdgeCortex® MERA™ 2.0

Revision History

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

Renesas Electronics has used reasonable care in preparing the information included in this document, but Renesas Electronics does not warrant that such information is error free. Renesas Electronics assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein.

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included.

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

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/