

Microcomputer Technical Information

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RX850 (Windows English Version) V850 Series Real-Time OS Upgrade	Document No.	ZBG-CD-05-0070	1/2
	Date issued	August 3, 2005	
Related documents RX850 Basics U13430EJ2 (2nd) RX850 Installation U17419EJ1 (1st) RX850 Technical U13431EJ2 (2nd) RX850 Task debugger U17420EJ1 (1st) AZ850 Ver. 3.30 User's Manual: U17423EJ1 (1st) RX850 Ver. 3.20 Operating Precautions: ZUD-CD-05-0059	Issued by	Development Tool Group Multipurpose Microcomputer Systems Division 4th Systems Operations Unit NEC Electronics Corporation	
	Document classification		Usage restriction
		√	Upgrade
			Document modification
		Other notification	

1. Target products and versions

Product	Outline	Old Version	New Version
μSBB17RX703000-yyy	V850 Series real-time OS RX850	Ver. 3.14	Ver. 3.20

Note yyy indicates 001, 100K, 001M, 010M, or S01.

2. Details of upgrade

The major revisions in RX850 Ver. 3.20 are shown below. For details, refer to "V850 Series Real-Time OS RX850 Ver. 3.20 Operating Precautions (ZUD-CD-05-0059)" supplied with the product.

- (1) Discontinuation of support for PC-9800 series
- (2) Inclusion of AZ850
- (3) Addition of multiple-version installation function
- (4) Addition of function for setting RX850 by PM+
- (5) Simplification of task stack size specification
- (6) Addition of function for specifying register mode
- (7) Deletion of function-level trace function in AZ850
- (8) Removal of restrictions (one item in RX850, four items in AZ850)

3. How to upgrade

- When CD-ROM medium is not required: Free upgrade

Download the upgraded software through Development Tools Download (ODS). When using this method, the CD-ROM medium will not be delivered but the upgrade is free of charge.

URL: <http://www.necel.com/micro/ods/eng/>

Online user registration is required before using ODS. Access the URL for online user registration and enter the required items in the registration form, by following the instructions on the page. Refer to the online user registration card for details.

- When CD-ROM medium is required: Charged upgrade

Fill in the essential items in the attachment "Application for Software Product Charged Upgrade" and submit it to a distributor or NEC Electronics sales representative. When using this method, a fee will be charged for the upgrade and the CD-ROM medium will be delivered.

The part number to be entered in the form varies depending on the purchased product. The correspondence between the purchased product and the part number after upgrade is as follows.

Purchased Product	Part Number for Charged Upgrade
μ SBB17RX703000-001	μ SBB17RX703000-001-S
μ SBB17RX703000-100K	μ SBB17RX703000-100K-S
μ SBB17RX703000-001M	μ SBB17RX703000-001M-S
μ SBB17RX703000-010M	μ SBB17RX703000-010M-S
μ SBB17RX703000-S01	μ SBB17RX703000-S01-S

4. Upgrade start date

(1) Free upgrade (Windows version, without CD-ROM medium)

The upgraded product can be downloaded through ODS from August 1, 2005.

(2) Charged upgrade (Windows version, with CD-ROM medium)

From August 1, 2005

Charged Upgrade

Application for Software Product Charged Upgrade

Customers wishing to upgrade the product by "Charged upgrade (with CD-ROM medium)" are requested to fill out the following form and submit it to a **distributor** or **NEC Electronics sales representative**.

Upgrade Product	Version
RX703000 (Windows English version)	Ver. 3.20

Application cut-off date: November 1, 2005

[To be filled in by customers]

Part No. of charged upgrade product	μ SBB17RX703000-
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* Write the part number of charged upgrade product corresponding to the part number of the product being used. If two or more licenses have been purchased, be sure to write S and numbers after the hyphen.

Serial No. (10 digits)										
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* Write the 10-digit serial number indicated on the program product license or the CD-ROM case of the product. If the product has already been upgraded, a new serial number has been provided. However, write the serial number provided when the product was first purchased in the above column.

Company name	
Department name	
Name of applicant	
E-mail address	
Date of application	

[To be filled in by the distributor or NEC Electronics sales representative]

Name of distributor	
Person in charge	
Date of application	
Ordering code	

* The ordering code is required for the charged upgrade. Fill in the code that was used for inputting the order.