

# TECHNICAL BULLETIN

**[Issue No.]** FA-A-0136

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**[Title]** PC interface boards compatible with 64-bit operating system

**[Date of Issue]** June 2012

**[Relevant Models]** CC-Link IE Controller Network interface board  
 CC-Link IE Field Network interface board  
 CC-Link Ver.2 compatible interface board  
 MELSECNET/H interface board

Thank you for your continued patronage of Mitsubishi general-purpose PC interface boards.

This bulletin describes versions, operating environment, and considerations of PC interface boards compatible with 64-bit operating system.

Read this bulletin when using a PC interface board on a personal computer running 64-bit operating system.

## 1. Products compatible with 64-bit operating system

The following products are compatible with 64-bit operating system.

For acquiring the latest version of software package, contact your local Mitsubishi representative.

Product	Interface board	Software package <sup>*1</sup>		
	Model	Model	Compatible version	"DATE" on CD-ROM <sup>*2</sup>
CC-Link IE Controller Network interface board	Q80BD-J71GP21-SX	SW1DNC-MNETG-B	1.12N or later	1108AN or later
	Q80BD-J71GP21S-SX			
	Q81BD-J71GP21-SX			
	Q81BD-J71GP21S-SX			
CC-Link IE Field Network interface board	Q81BD-J71GF11-T2	SW1DNC-CCIEF-B	1.02C or later	1204BC or later
CC-Link Ver.2 compatible interface board	Q80BD-J61BT11N	SW1DNC-CCBD2-B	1.11M or later	1204AM or later
	Q81BD-J61BT11			
MELSECNET/H interface board	Q80BD-J71LP21-25	SW0DNC-MNETH-B	23Z or later	1109AZ or later
	Q81BD-J71LP21-25			
	Q80BD-J71LP21S-25			
	Q80BD-J71BR11			
	Q80BD-J71LP21G			

\*1: For checking the version of installed software package, refer to the product manual.

\*2: "DATE" is printed on the front right of CD-ROM.

- The first four digits indicate the year and month of manufacture.
- The last two digits indicate the H/W version or the S/W version.
- S/W versions are described using alphabets repeatedly from A to Z.

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## 2. Operating environment

The following are the personal computer and the 64-bit operating systems compatible with the interface board software.

Item	Description
Computer	A personal computer running Windows® operating system
CPU	Recommended system requirements for the operating system must be satisfied.
Required memory	
Operating system (Japanese/English) *1, *2	<ul style="list-style-type: none"><li>• Microsoft® Windows® 7 Home Premium Operating System (64-bit edition)</li><li>• Microsoft® Windows® 7 Professional Operating System (64-bit edition)</li><li>• Microsoft® Windows® 7 Ultimate Operating System (64-bit edition)</li><li>• Microsoft® Windows® 7 Enterprise Operating System (64-bit edition)</li><li>• Microsoft® Windows Server® 2008 Standard x64 Edition Operating System</li><li>• Microsoft® Windows Server® 2008 Enterprise x64 Edition Operating System</li><li>• Microsoft® Windows Server® 2008 R2 Standard Operating System</li><li>• Microsoft® Windows Server® 2008 R2 Enterprise Operating System</li><li>• Microsoft® Windows Server® 2003 R2, Standard x64 Edition Operating System Service Pack 2 or later</li><li>• Microsoft® Windows Server® 2003 R2, Enterprise x64 Edition Operating System Service Pack 2 or later</li></ul>

\*1: For details of the operating environment, refer to the product manual.

\*2: Windows® XP (64-bit edition) and Windows Vista® (64-bit edition) are not compatible.

## 3. Considerations

The following are the considerations for using MELSEC data link library.

### (1) Accessing CPU modules other than QCPU (Q mode)

When accessing CPU modules other than QCPU (Q mode), use a 32-bit user application. Modules cannot be accessed from a 64-bit user application.

### (2) Creating a 64-bit user application

When creating a 64-bit user application, set the 64-bit application setting for Visual Studio® project. For details of the setting, refer to the following function.

- HELP function of Visual Studio® (How to: Configure Projects to Target Platforms)

### (3) Operating environment for user application

The following table shows the applicability of user application execution on the 32-/64-bit operating system.

User application	Operating system	
	32 bit	64 bit
32-bit user application	Yes	Yes
64-bit user application	No	Yes

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