

# TECHNICAL BULLETIN

**[Issue No.]** T99-0023

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**[Title]** Upgrade of Software Package for MELSECNET/H Interface Board and CC-Link Interface Board for Personal Computer

**[Date of Issue]** Jan, '03

**[Relevant Models]** Q80BD-J71LP21-25, Q80BD-J71LP21G, Q80BD-J71LP21GE, Q80BD-J71BR11, A80BDE-J61BT11, A80BDE-J61BT13

Thank you for your continued support of Mitsubishi board for personal computer.

The software packages shipped with the MELSECNET/H interface board and CC-Link interface board for personal computer manufactured from January 2003 have been upgraded to a newer version.

## [Main features of upgraded version]

### Compatible with Microsoft Windows XP Professional Operating System

MELSECNET/H interface board and CC-Link interface board are now compatible with Microsoft Windows XP Professional Operating System.

### Supporting PCI bridge

MELSECNET/H interface board and CC-Link interface board are now applicable for a personal computer including PCI bridge\*1.

\*1 PCI bridge is a function that expands the number of PCI slots.

If the PC includes the PC bridge function, the PC OS may not recognize the MELSECNET/H or CC-Link interface boards and will show Event ID257 on the OS records event viewer when the PC is started up. This is relevant for the interface board software package before December 2002. Please refer to the personal computer manual, or contact the personal computer manufacturer to confirm if the PCI bridge function is included.

## [Operating Environment]

The recommended operating environment for both the MELSECNET/H interface board and CC-Link interface board are as follows:

Item	Description	
	MELSECNET/H interface board (SW0DNC-MNETH-B)	CC-Link interface board (SW4DNF-CCLINK-B)
Personal computer	IBM-PC/AT compatible personal computer with one or more PCI bus slots, satisfying the specifications described below in "Applicable operating system and the corresponding required PC performance"*1.	
	CPU	
	Required memory	
	PCI bus specifications	5V DC, 32-bit bus, Basic clock: 33MHz
Operating system	Microsoft Windows 95 Operating System (English version) Microsoft Windows 98 Operating System (English version) Microsoft Windows NT Workstation Operating System Version 4.0 (English version)*2 Microsoft Windows 2000 Professional Operating System (English version) Microsoft Windows XP Professional Operating System (English version)*3	
Display	Resolution: 800×600 pixels or higher (Recommended: 1024×768 pixels)	
Available hard disk space	20MB or more	15MB or more
Disk drive	CD-ROM disk drive	3.5-inch (1.44MB) floppy disk drive
Programming language*4,*5,*6	Microsoft Visual Basic 5.0 (English version), Microsoft Visual Basic 6.0 (English version), Microsoft Visual C++ 5.0 (English version), Microsoft Visual C++ 6.0 (English version)	

\*1: This product does not work with a multiprocessor personal computer, as the driver is incompatible.

\*2: Service Pack3 or higher is required when using Windows NT Workstation 4.0.

\*3: Utilities do not work in XP compatibility mode.

\*4: User programs created in the English environment work only in the English environment.

\*5: Use Visual Basic 6.0 or Visual C++ 6.0 when using Windows 2000 Professional or Windows XP Professional. (Visual Basic 5.0 and Visual C++ 5.0 cannot be used.)

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\*6: This product is not compatible with Microsoft Visual Basic .NET or Microsoft Visual C++ .NET.

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Applicable operating system and the corresponding required PC performance

Operating system	Description	
	CPU	Required memory
Windows 95	Pentium 133MHz or higher	32MB or more
Windows 98	Pentium 133MHz or higher	32MB or more
Windows NT Workstation 4.0	Pentium 133MHz or higher	32MB or more
Windows 2000 Professional	Pentium 133MHz or higher	64MB or more
Windows XP Professional	Pentium 300MHz or higher	128MB or more

## [Precautions for installation]

If the following software package(s) for interface board is (are) installed before, uninstall it (or them) first, and then install the new software package(s).

SW0DNC-MNETH-B (60G or earlier) \*1

SW0DNF-CCLINK, SW1DNF-CCLINK, SW2DNF-CCLINK, SW3DNF-CCLINK, SW4DNF-CCLINK (30D or earlier) \*1

\*1: The software version is shown within the utility version information.

## [Precautions for using user application]

User applications that have been compiled using the older version software package have to be modified in order that the user applications refer to the library file included in the new software package. This is because the library file might have changed by the newer software package upgrade.

Therefore, rebuild the user applications that were compiled using the former software package.

## [Version upgrade]

Please consult your local Mitsubishi service center or representative for version upgrades.

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