



**MITSUBISHI  
ELECTRIC**

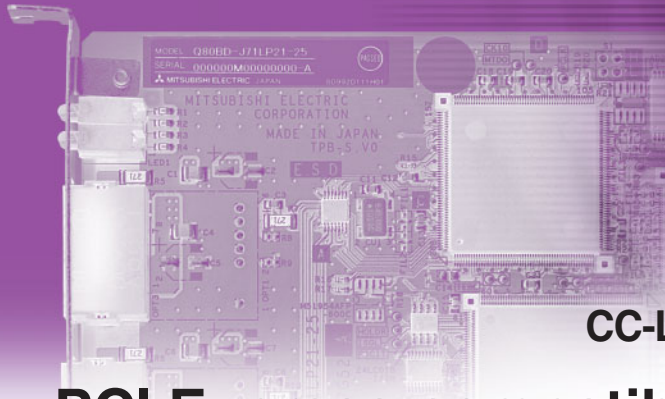
Mitsubishi Programmable Controller

*Changes for the Better*

July 2008

**New Product Release**

No. 307E

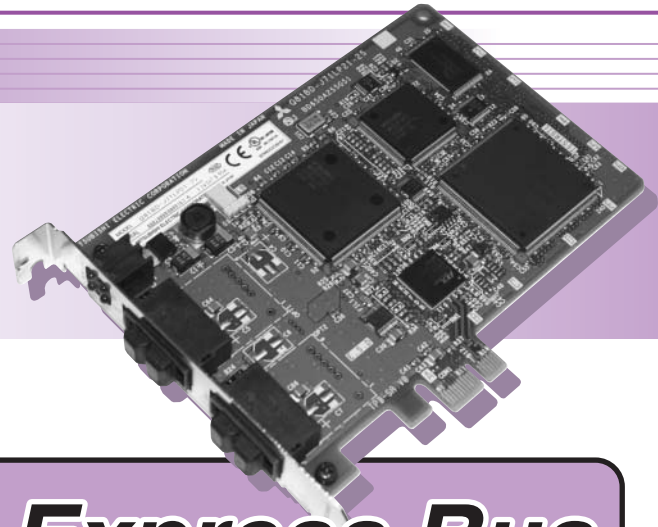


Q81BD-J71LP21-25  
**MELSECNET/H Interface Board**

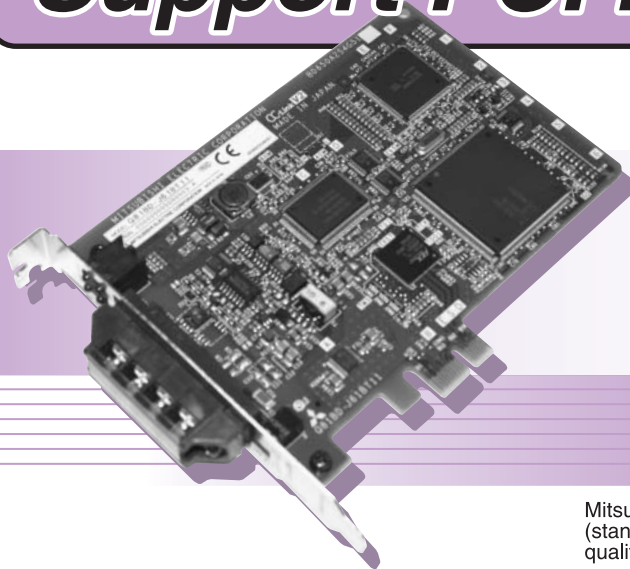
Q81BD-J61BT11  
**CC-Link System Master/Local Interface Board**

**PCI Express-compatible boards now available!**

**MELSECNET/H  
Interface Board  
Q81BD-J71LP21-25**



***Support PCI Express Bus***



**CC-Link V2**  
**CC-Link System  
Master/Local Interface Board  
Q81BD-J61BT11**

Mitsubishi Electric Corporation Nagoya Works is a factory certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems)



# Features

## 1. Support PCI Express bus and Microsoft® Windows® Server 2003 R2

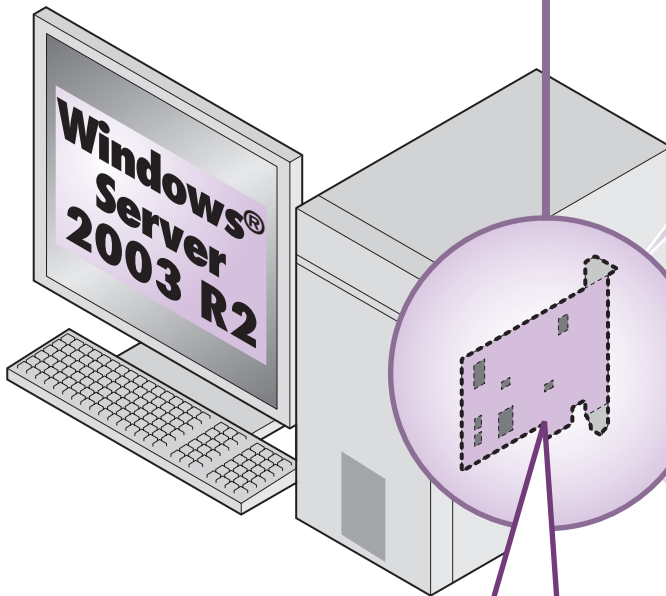
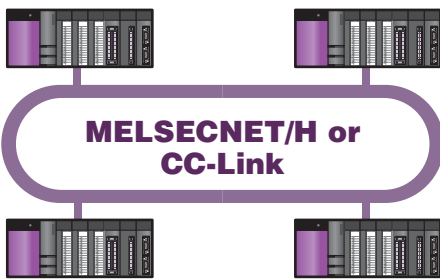
Being compatible with PCI Express bus and Microsoft® Windows® Server 2003 R2, more PC options are available for MELSECNET/H and CC-Link systems. In addition, a dual-core processor and multiple CPU configuration PC are supported.

## 2. Simple logging with Excel

With simple settings using MX Component and MX Sheet, programmable controller's device data can be collected or written in Excel. Time-consuming programming tasks are eliminated.

## 3. Easy to program with Microsoft® Visual Basic® or Microsoft® Visual C++®

User programs such as programmable controller CPU's remote RUN/STOP/PAUSE and reading/writing devices can be created easily with Microsoft® Visual Basic® or Microsoft® Visual C++® functions.



### With Excel

#### MX Component and MX Sheet

- Enable easy logging of programmable controller devices.
- Facilitate displaying programmable controller devices on a graph.
- Simplify logging data saving process.

\*Please confirm the supported OS for Excel and MX Series software.

### With VB/VC++ programs

#### The functions

- Simplify user application programming.
- Enable easy programmable controller control and device monitoring.

#### Programming

#### Monitoring

### With enclosed configuration software

#### The utility package

- Provides user-friendly interface board settings.
- Facilitates programmable controller device monitoring.

### PCI Express bus compatible

**MELSECNET/H interface board**

**Q81BD-J71LP21-25**

**CC-Link system master/local interface board**

**Q81BD-J61BT11**

## Operating Environment

Item		Description
Personal computer	CPU	See "Applicable OS and Required PC Performance" below.
	Required memory	
	PCI Express bus specifications	
Display		Resolution: 800 x 600 dot or higher (Recommended: 1024 x 768 dot)
Available hard disk space		80 MB or more
Disk drive		CD-ROM disk drive
Operating system (OS)		See "Applicable OS and Required PC Performance" below.
Programming language		Microsoft® Visual Basic® 5.0 (English version), Microsoft® Visual Basic® 6.0 (English version), Microsoft® Visual Basic® .NET 2003 (English version), Microsoft® Visual Studio 2005 Visual Basic® (English version), Microsoft® Visual C++® 5.0 (English version), Microsoft® Visual C++® 6.0 (English version), Microsoft® Visual C++® .NET 2003 (English version), or Microsoft® Visual Studio 2005 Visual C++® (English version)

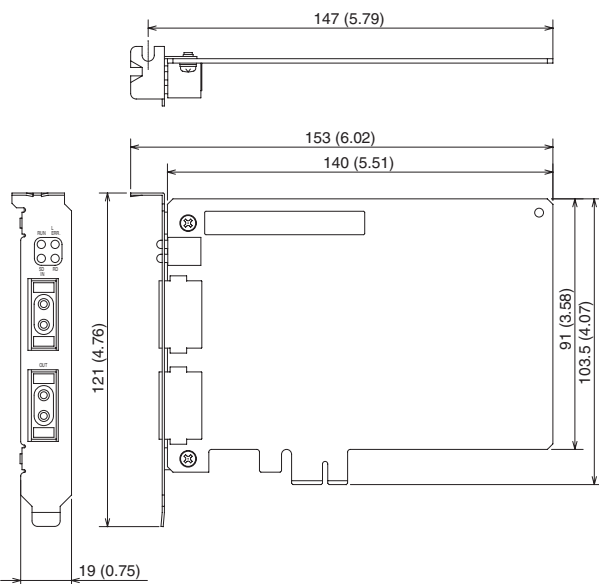
## Applicable OS and Required PC Performance

Operating system (OS)	CPU	Required memory
Microsoft® Windows® 2000 Professional (English version)	Pentium® 133 MHz or higher	64 MB or more
Microsoft® Windows® XP Professional (English version)	Pentium® 300 MHz or higher	128 MB or more
Microsoft® Windows® XP Home Edition (English version)*	Pentium® 500 MHz or higher	256 MB or more
Microsoft® Windows® Server 2003 R2 (English version)	800 MHz or higher	512 MB or more
Microsoft® Windows Vista® Home Basic (English version)		
Microsoft® Windows Vista® Home Premium (English version)		
Microsoft® Windows Vista® Business (English version)		
Microsoft® Windows Vista® Ultimate (English version)		
Microsoft® Windows Vista® Enterprise (English version)		

\* MELSECNET/H interface board is not supported.

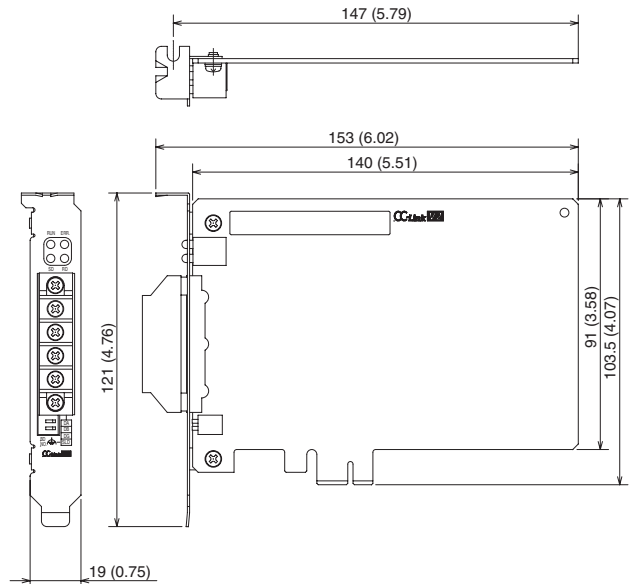
## External Dimensions

### Q81BD-J71LP21-25



### Q81BD-J61BT11

Unit: mm (inch)



## Product List

Product name	Model	Model code
MELSECNET/H interface board	Q81BD-J71LP21-25	1W6040
CC-Link system master/local interface board	Q81BD-J61BT11	1W5238

## Items Shipped with Interface Board

Item	MELSECNET/H interface board	CC-Link interface board	Remark
Software package	SW0DNC-MNETH-B	SW1DNC-CCBD2-B	CD-ROM
Terminating resistors	Not included	Included	

## Manuals

### Q81BD-J71LP21-25 MELSECNET/H Interface Board

Title	Manual supply status	IB/SH No.	Model code
MELSECNET/H Interface Board User's Manual (Hardware)	Included	IB-0800154-N or later	13JT27
MELSECNET/H Interface Board User's Manual (For SW0DNC-MNETH-B)	Sold separately	SH-080128-N or later	13JR24

### Q81BD-J61BT11 CC-Link System Master/Local Interface Board

Title	Manual supply status	IB/SH No.	Model code
CC-Link System Master/Local Interface Board User's Manual (Hardware)	Included	IB-0800307-E or later	13JP65
CC-Link System Master/Local Interface Board User's Manual (For SW1DNC-CCBD2-B)	Sold separately	SH-080527ENG-G or later	13JR77

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