

## YASKAWA ELECTRIC CORPORATION

### PCI Standard MECHATROLINK-III Interface Card JAPMC-NT112A-E

#### Features

When this board is installed in a PCI Standard PC, it allows MECHATROLINK-III communication. Applying this board to the MECHATROLINK Communication Port reduces the board development work for the Master of MECHATROLINK.



JAPMC-NT112A-E

#### Specifications

Item	Specifications
Product name	PCI Standard MECHATROLINK-III Interface Card
Dimensions (mm)	Board part: 120.81 × 64.41, Face plate: 21.4 × 121
Bus	PCI bus
Power voltage	5VDC ± 5%
Baud rate	100Mbps
No. of MECHATROLINK channels	1
No. of connecting stations	62 stations Note: Max. number of stations varies with each host application.
Host OS	1. RTX64 2014, RTX64 3.0 or later (Model: CPMC-NTA710) 2. Windows7/8/8.1/10 (only applicable to asynchronous communication command) (Model: CPMC-NTA711) 3. INtime5.2, INtime6.3 (Model: CPMC-NTA712)

#### MECHATROLINK specifications

		M-III			
		16-byte	32-byte	48-byte	64-byte
Profile	Standard servo	×	×	×	×
	Standard I/O	×	×	×	×
	Standard Stepping Motor Drivers	×	×	×	×
	Standard Inverter	×	×	×	×
Transmission cycle		31.25 μs to 64ms		62.5 μs to 64ms	

Note: Communication LSI and its peripheral circuit are installed, but the CPU is not in this PC-board. Therefore, this specification can be determined by host applications using this PC-board. The specifications are selectable only from the host side.

#### Contact Information

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