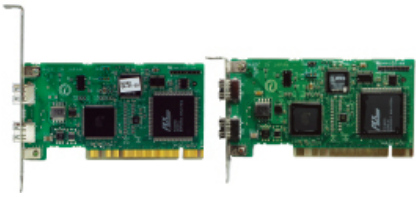
YASKAWA ELECTRIC CORPORATION

PCI Standard MECHATROLINK- II
Interface Card JAPMC-NT110, JAPMC-NT111

Features

When this board is installed in a PCI Standard PC, it allows MECHATROLINK communication. Applying this board to the MECHATROLINK Communication Port reduces the board development work for the Master of MECHATROLINK. Standard PCI type (NT110) and Low Profile PCI type (NT111) boards are available. (Main PC boards are the same for both NT110 and NT111.)



JAPMC-NT110　JAPMC-NT111

Specifications

Item	Specifications
Product name	PCI bus applied MECHATROLINK Communication Interface Card
Dimensions (mm)	Board part: 120.81 × 64.41, Face plate: 21.4 × 121(NT110), 22.0 × 80.2 (NT111)
Bus	PCI bus
Power voltage	5VDC ± 5%
Baud rate	4Mbps (MECHATROLINK-Ⅰ), 10Mbps (MECHATROLINK-Ⅱ)
No. of MECHATROLINK channels	1
No. of connecting stations	MECHATROLINK-Ⅰ : 14 stations max., MECHATROLINK-Ⅱ : 30 stations Note: Max. number of stations varies with each host application.
Host OS	1. RTX64 2014, RTX64 3.0 or later (Model: CPMC-NTA700) 2. Windows7/8/8.1/10 (only applicable to asynchronous communication command) (Model: CPMC-NTA701) 3. INtime5.2, INtime6.3 (Model: CPMC-NTA702)

MECHATROLINK specifications

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Servo	×	×	×
	Stepping Motor Drivers	×	×	×
	Intelligent I/O	×	×	×
	Simple I/O	×	×	×
	Inverter	×	×	×
Transmission cycle		2ms	0.25 to 8ms	

Contact Information

Please access YASKAWA website (Please click. Then you can access.)
YASKAWA has sales and after-sales service all around the world.
America: U.S.A., Brazil, Canada, Mexico
Asia Pacific: China, Korea, Taiwan, Singapore, India
Europe: Germany, Sweden, Israel, Italy, France, Spain, Finland, Netherlands, Slovenia, Czech republic, Turkey