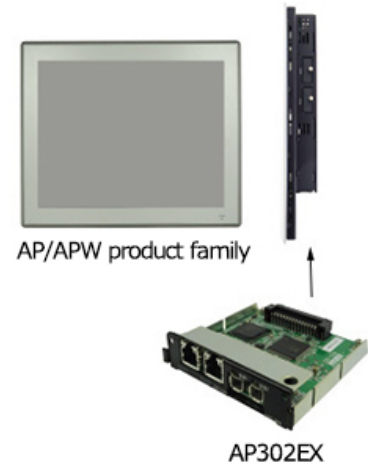


Features

- Intel Core i7/Celeron embedded Industrial Computers:
AP/APW & FP product families - LCD touch-paned installed FC product family for more PCIe slots without LDC panel.
- High speed Field Buses available on R/T OS INtime Bundled MECHATROLINK-III Master capability & Library on the R/T OS
- High speed, extremely fine and multifunctional Motion Controlling utilized on the PC architecture platform above.
Various motion controlling can be realized on single platform.
- Various tools prepared:
Precision analysis for multi-axial control, torque and etc.
Tools to tune for optimized control, for example.



Specifications (AP302EX)

Item	Specification
Interface and Protocol	MECHATROLINK-III Compliant
Transmission Speed	100 Mbps
Communication Cycle Time	31.25 micro-sec. - 8 mili-sec.
Communication Mode	Cyclic Transfer
Connection Topology	Cascade-type / Star-type
Maximum Transmission Length	100m
Minimum Length between Slave Nodes	0.2m
System Bus	PCIe (specialized)
Maximum Nodes	62 nodes
Presumed OS	INtime4.2 Windows Embedded Standard 2009 Windows Embedded Standard 7
Connectors	8 pin - industrial I/O connectors × 2 recommended connector model: 2040008-2 (Tyco Electronics)

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		31.25μs to 8ms			

Contact Information

ALGOSYSTEM CO., LTD.

656 Kobirao, Mihara-ku, Sakai, Osaka 587-0021, Japan

URL : <http://www.algosystem.co.jp>

TEL : +81-72-362-5067

FAX : +81-72-362-4856