



Become the **NEXT** Winner

EtherCAT Master Controller

The Best EtherCAT® Solution

EC-01M is an EtherCAT Master Controller developed by NEXTW Technology Company. Host chips or devices can communicate with the EC-01M by SPI or USB interface. EC-01M provides an easy way to migrate the EtherCAT Master functions to the precise motion control applications.



Applications

PLC
CNC
Robot
Automation



Features

- Maximum 40 EtherCAT slaves
- Minimum 250us DC cycle time
- DCM master shift mode
- Support EtherCAT I/O device
- Support CiA402 profile (CoE)
- 16ch programable DIO
- SPI up to 24 Mbps
- USB 2.0 on-chip transceiver



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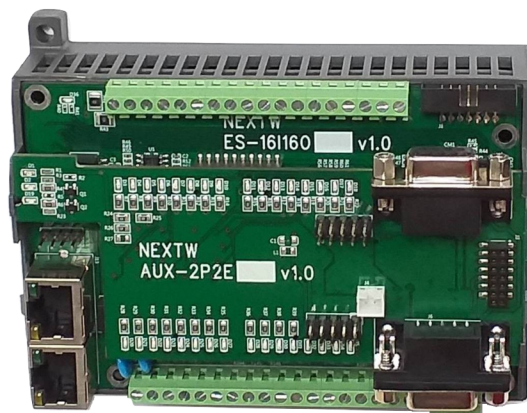


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NEXTW



EtherCAT Slave Module

ES-16I16O:	16ch Isolated DI, 16ch Isolated DO
ES-8I8O:	8ch Isolated DI, 8ch Isolated DO
AUX-2P2E2A:	2ch PWM, 2ch ENC, 2ch ADC
AUX-2P2E:	2ch PWM, 2ch ENC

The best industrial module with EtherCAT®



Specifications

Power Supply	24 VDC
Communication	EtherCAT 2 Ports Cycle Time 250us (min)
Interface	DI: 16ch Isolated 1mA~50mA DO: 16ch Isolated 5~60V 0.5A~5A ENC: 2ch 32bit 20MHz PWM: 2ch 16bit 500KHz ADC: 2ch 12bit resolution



Applications

PLC / CNC / Robot / Automation



Features

- Multi-purpose EtherCAT module
- LED indicators for I/O status
- Supports EtherCAT Distributed Clock (DC)
- DI with 3,750 Vrms isolation
- DO with 1,500 Vrms isolation
- Quadrature encoder interface
- 2MSPS SAR ADC
- PWM frequency and duty cycle adjustable



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