Manufacturer/
Distributor: Advanet A member of Eurotech Group **Advanet Inc.**

Intelligent EtherCAT® Master Board

Low CPU load EtherCAT® Master Communication

Features

Low CPU load EtherCAT® Master Communication

EtherCAT® environment is enabled typically by implementing the master stack on Ethernet hardware. Advanet provides EtherCAT® master communications on-board by implementing the Xilinx Zynq® with ARM® Cortex®-A9 on a board to minimize the impact for the host CPU as bus master.

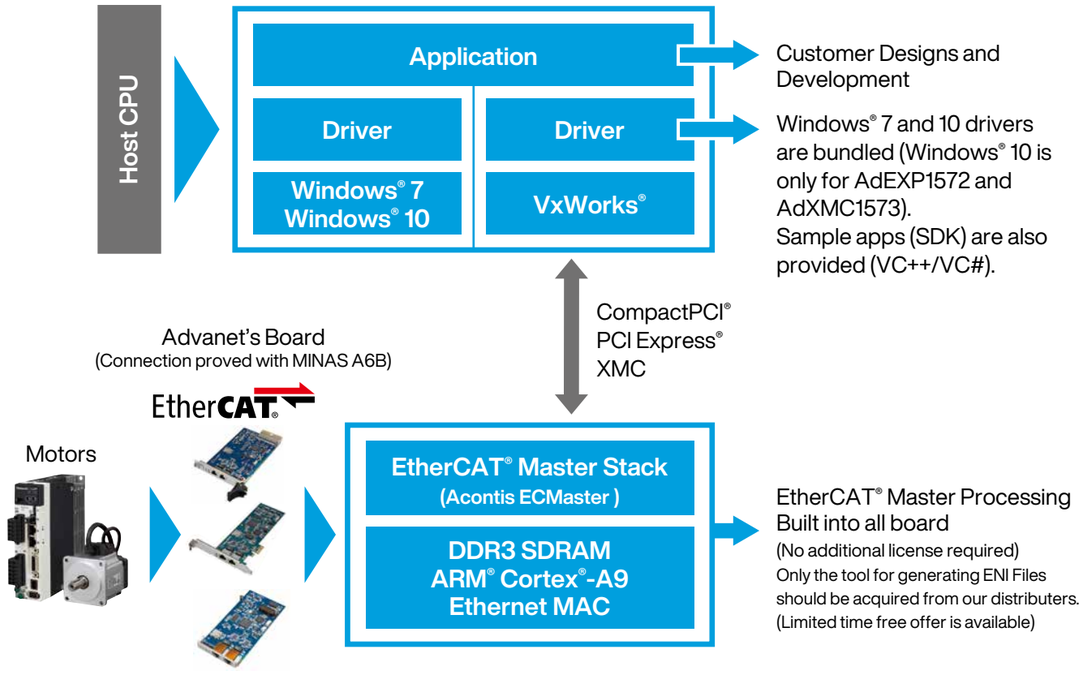
Secure Cable Redundancy

The redundant cable configuration adopting ring topology which recovers the communication cable failure in the EtherCAT® system allows the communications to reach any branch even in case of cable fracturing happened at any point.

Hot Connect Responds to Unexpected Replacement

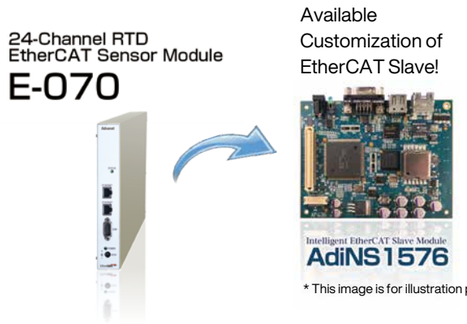
The protocol of the EtherCAT® system utilizing a hot connect capability provides flexible and responsive functionalities to change the system configuration which allows you to connect/disconnect or reconfigure any part of the network “on-the-fly”.

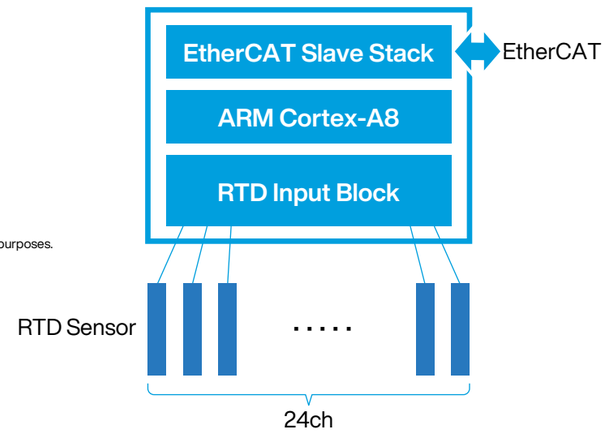
System Configuration



Features of Advanet EtherCAT Slave

- Simultaneous measurement of 24ch in 1 slave
- Connectable 4-wire Pt100 or JPt100
- Temperature conversion on module
- Measurement overall precision at±0.1 °C
  (*Measurement range: -20 °C to 80 °C)





Sales area

- Worldwide response except for some areas.

Language

- Japanese
- English

For more information

URL : https://www.advanet.co.jp/ethercat/

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