ICP DAS CO., LTD.
www.icpdas.com

# EtherCAT®

✎ **Your most cost-effective option**
✎ **Offer a variety of solutions in axes control applications**
✎ **We are reputed for excellent technical service**

❋ Supports EtherCAT standard protocols and can be deployed in multiple network topologies

❋ Isolated I/O hardware design to eliminate interference in harsh environments

❋ PCIe Master Card supports multi-axis and I/O control functions

❋ Supports diverse motion functions such as: P-to-P, Line, circle, 3D-arc. helix, etc.

❋ APIs are provided for quick deployment in a variety of applications

❋ Flexible wiring deployment, great savings in wiring costs

PC

User's Application

DLL, Lib

**PCIe**

**Master Card**

## PEC-80x card

### Motion and I/O control Program

| Peripheral SDK | EtherCAT Master |
|---|---|
| Peripheral AP Layer | Master API |
| | Process Data Image / Mailbox Services |
| Peripheral Driver Layer | EtherCAT Master Core |

### RTOS

**Local I/O**   **CPU**   **Ethernet**

Dome
60x40cm

EtherCAT
Drives and Motors

ECAT-2055
Digital I/O Module

ECAT-2513
Junction Slave Module

Digital I/O Module

ECAT-2053            ECAT-2057

ECAT-2091S
Stepping Motor
Driving Module

ECAT-2017
AI Module

ECAT-2093
Encoder Module