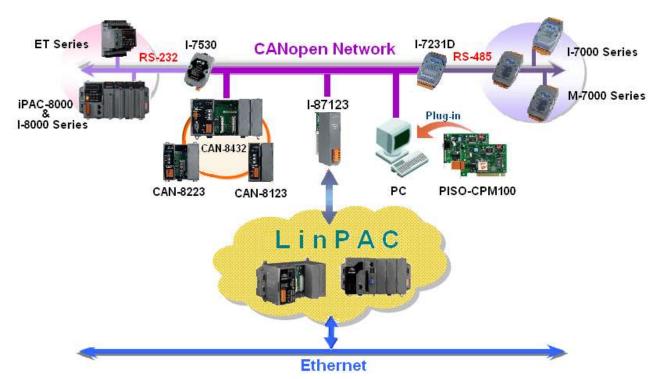


Introduction

CANopen is a kind of network protocol based on CAN bus and it is a CAN-based application layer protocol. It was developed as a standardized embedded network with highly flexible configuration capabilities.

CANopen was designed for motion-oriented machine control networks, such as handling systems. By now it is used in many various fields, such as medical equipment, off-road vehicles, maritime electronics, medical devices, public transportation, building automation, etc. Please see the features as follows:

- Allow multi-master architecture on one bus
- 10 k,20 k,50 k,125 k,250 k,500 k,800 k,1 M bps baud rate
- The bus length is from 25 m(1M bps) to 5 Km(10K bps)
- Easy access to all device parameters.
- Device synchronization.
- Cyclic and event-driven data transfer.
- Up to 128 nodes can be participated in the same CAN network.
- High transmission speed.
- Support Guarding and Heartbeat protection mechanism



ICP DAS has been developing CAN based-CANopen protocol products for several years and had many practice experiences in various CANopen network technology. In addition, we can provide LinPAC with CANopen solutions for users.

