

KPA PCI Interface board (EtherCAT slaves with PCI interface) integrates a PC into an EtherCAT network.

Hardware

- ET 1100 ASIC, no CPU for closer synchronization
- Polling and IRQ-handling
- 8 kByte PDO/SDO, 8 FMMUs, 8 Sync Managers
- Transfer rate of **4,2 MByte/s**
- Two address switches for position independent addressing

Slave Stack

- Support of multiple boards within one system
- Various Operating Systems (OS): Win XP, RTX, INtime, QNX, Software Development Kit (SDK) for Linux
- Several mailbox protocols CoE, EoE, FoE, SoE, VoE
- Distributed Clocks
- Different scan rates

Applications

- Automation, automotive test beds, simulation system, etc.
- Start-up development kit for EtherCAT slave application under Windows XP with possibility to port then to target using the same Slave stack API (**cross-platform development**)

Delivery package

- PCI board
- Downloaded from website
 - KPA EtherCAT Slave stack for PCI
 - Documentation and sample applications
 - One year of technical support

Ordering information

Product code	Name	Comment
4001 0000	KPA EtherCAT Slave PCI	XP/Vista, QNX, Linux-SDK, RTX, INtime
7010 0019	KPA Studio EtherCAT	Configuration and diagnostic tool

