

KPA EtherCAT PC104 Board (EtherCAT slave stack with PC104 interface) integrates a PC 104 system into an EtherCAT network.

1 Hardware

- ET 1100 ASIC
- 8 kByte PDO, 8 FMMUs, 8 Sync Managers
- Polling- and IRQ-handling
- DMA - support
- Transfer rate of 2 MByte/s using DMA and IRQ
- Software-configurable I/O address
- Two address switches for position independent addressing

2 Slave Stack

- Operating Systems: INtime, Linux, QNX, RTX, xPC Target, VxWorks.
- Several mailbox protocols as CoE, EoE, FoE, SoE, VoE
- Distributed Clocks
- Different scan rates

3 Applications

- Intelligent slave controller
- Master and slave within one PC104 system (vertical integration)

4 Delivery package

- PC104 board with compiled KPA EtherCAT Slave stack.
- Documentation and sample applications.
- One year of technical support and assistance in conformance testing included.

5 Ordering information

Product code	Name	Comment
4001 0100	KPA EtherCAT PC104 board	
7010 0019	KPA EtherCAT Studio	Studio configuration and diagnostic tool with integrated master



koenig-pa GmbH
 Im Talesgrund 9a
 91207 Lauf a.d. Pegnitz
 Germany
www.koenig-pa.de

Contact
 email: sales@koenig-pa.de
 tel.: +49 151 74 147 001
 tel.: +49 9128 725 631
 tel.: +49 9123 960 5796

koenig-pa GmbH Quality Management System
 certified according to DIN EN ISO 9001:2015
 Initial certification in 2008
 Copyright © koenig-pa GmbH, Germany. All rights reserved.
 EtherCAT® is registered trademark and patented technology,
 licensed by Beckhoff Automation GmbH, Germany

