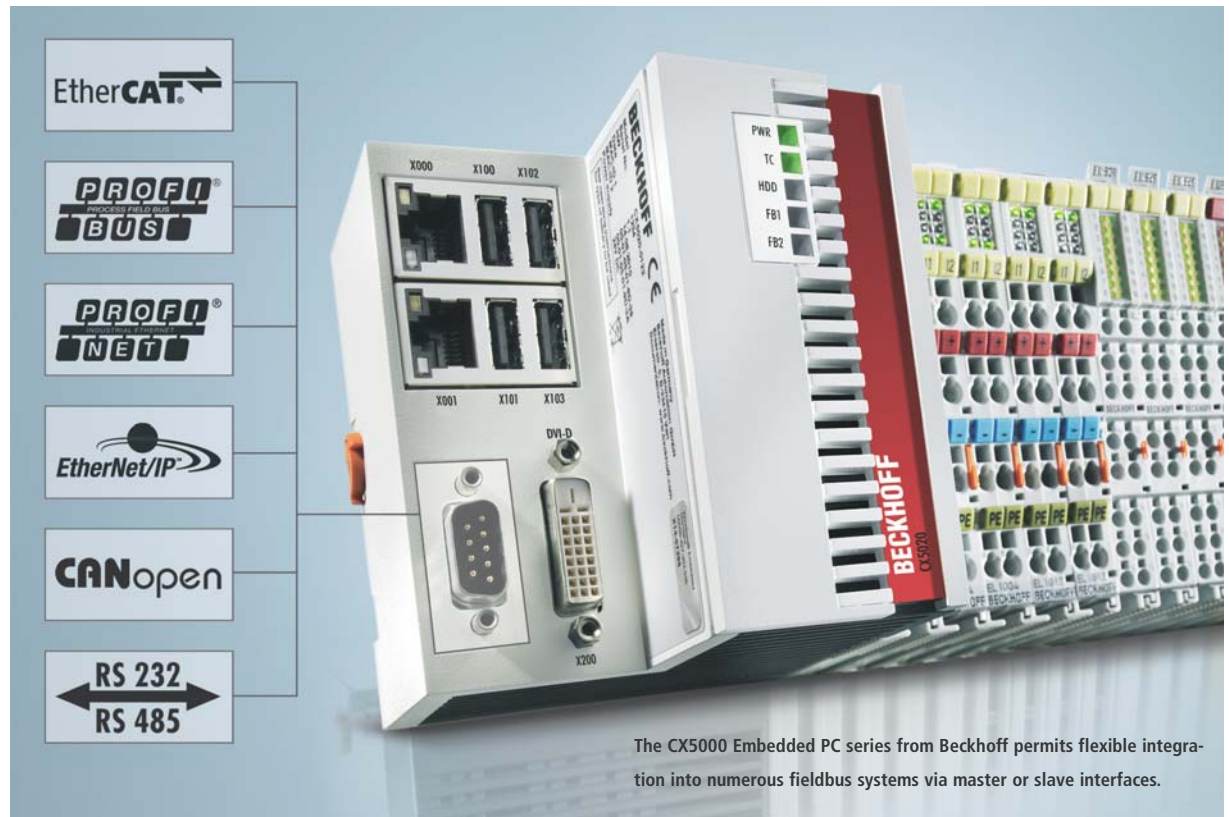


Enhancing connectivity: New interfaces for the CX5000 Embedded PC from Beckhoff with Intel® Atom™ processor



The CX5000 Embedded PC series from Beckhoff permits flexible integration into numerous fieldbus systems via master or slave interfaces.

The CX5000 Embedded PC series with its robust and compact magnesium housing offers a wide range of communication options through integrated I/O and system interfaces. Optional master/slave fieldbus and communication interfaces enable flexible integration in subordinate or higher-level systems. The dynamic control system can be operated within an extended temperature range between -25 and +60 °C (-13 and 140 °F).

Wide selection of fieldbus interfaces designed for open control technology

The CX5000 Embedded PC from Beckhoff offers the user an exceptional assortment of connectivity solutions. It features a variety of system interfaces (2 x Gigabit-Ethernet, 4 x USB, 1 x DVI-D) and a direct I/O interface for Beckhoff Bus Terminals and EtherCAT Terminals. The EtherCAT I/O system enables simple integration of countless fieldbus devices via communication terminals that range from PROFINET to IO link. Alternatively, fieldbus integration is also possible via the CX5000 Embedded PC. The system can be optionally extended through master or slave fieldbus connections (EtherCAT, PROFIBUS, PROFINET RT, EtherNet/IP, CANopen) or communication interfaces (RS232, RS422/RS485). Even with these expansion options, the overall dimensions of the CX5000 remain unchanged. Particularly noteworthy is the EtherCAT slave application as a programmable, local device in an EtherCAT installation.

The flexible Beckhoff CX5000 Embedded PC series for DIN rail mounting is ideal for application as a compact Industrial PC for PLC, Motion Control and visualization. The device series CX5010, equipped with Intel® Atom™ Z510, 1.1 GHz, and CX5020 with Intel® Atom™ Z530, 1.6 GHz, are characterized by very low power dissipation. The extended operating temperature range between -25 and +60 °C (-13 and 140 °F) enables application in climatically demanding environments. The CX5000 series Embedded PCs are also fanless and have no rotating components, providing optimum stability.

Embedded PC CX5000 www.beckhoff.com/CX5000