Beckhoff — CX Embedded PC Systems

CX5130-0121



In-Stock, Ships 3-5 Days

- ☑ Get a Quote in 5 minutes
- ☑ Parts ship in as little as 24 hours
- ☑ Up to half the cost of the manufacturer

Secure Online Checkout

Free Ground Shipping

One Year Warranty

The **CX5130-0121** is an embedded PC manufactured by Beckhoff within the CX Embedded PC Systems series. It combines control, visualization, and communication in one DIN-rail package, allowing machine builders to run TwinCAT logic directly at the equipment layer without separate PLC hardware. The unit serves as a compact industrial controller that connects field I/O to higher-level Ethernet networks while executing deterministic control tasks.

The computing section is driven by an **Intel Atom E3827 1.75 GHz** processor with **two processing cores**, providing capacity for motion, HMI, and data-logging tasks under the included TwinCAT 2 PLC runtime. Real-time variables and user programs reside in **4 GB DDR3-RAM**, while a graphics engine clocked at 542 MHz uses 256 MB of shared memory to drive local displays. Two independent Gigabit channels on **2 x RJ45, 10/100/1000 Mbit/s ports** handle machine-level EtherCAT or standard TCP/IP traffic. External storage devices, service tools, and barcode scanners can connect through **4 x USB 2.0 interfaces rated at 500 mA**. A dielectric strength of 500 V insulates the logic supply from field power, and the CFast-based UPS reserves 1 MB for deterministic data retention during power faults.

Program and recipe files can be written through the removable **CFast and MicroSD slots**, providing accessible storage options without requiring the controller housing to be opened. Typical operating power consumption is **14 W**, while consumption rises to 20 W when the onboard UPS is charging, allowing accurate cabinet power calculations. With dimensions of only **142 x 100 x 92 mm**, the module fits beside I/O terminals without increasing

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

© 2026 Automation Factory. All rights reserved.

enclosure depth. All electronics are supplied from a single **24 V DC rail**, simplifying connections to the plant power distribution system.

Specifications

Control Software:	TwinCAT 2 PLC Runtime	**Core Count:**	2	**Dielectric Strength:**	500 V
Dimensions:	142 x 100 x 92 mm	**Flash Memory:**	CFast slot; MicroSD slot	**Graphics Base Clock:**	542 MHz
Graphics Memory:	256 MB shared memory	**Integrated Ups:**	1 MB on CFast card	**Lan Interface:**	2 x RJ45, 10/100/1000 Mbit/s
Main Memory:	4 GB DDR3-RAM	**Max Power Consumption:**	14 W	**Max Power With Ups:**	20 W
Power Supply:	24 V DC	**Processor:**	Intel Atom E3827 1.75 GHz	**Usb Interface:**	4 x USB 2.0, 500 mA
Last Verified:	11/20/2026 8:59 AM				

Contact Us

1620 Old Apex Road, Cary, NC 27513, USA

Toll Free: 1-888-551-3082

International: 1-919-443-0207

Fax: 1-919-867-6204

Email: sales@wakeindustrial.com

Shipping Options

DHL · FedEx · UPS · Freight

Payment Methods

American Express · MasterCard · VISA · Wire Transfer

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

© 2026 Automation Factory. All rights reserved.