

Beckhoff — C6 Industrial PC Units

C6930-1129-0060 **In-Stock, Ships Today**

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The **C6930-1129-0060** is an industrial PC manufactured by Beckhoff within the C6 Industrial PC Units series. Designed as a control platform for machine automation, it hosts user programs, manages fieldbus communication, and supplies visualization data to plant operators. Its embedded processing and industrial connectivity allow the device to execute deterministic logic, collect production metrics, and communicate with higher-level networks without requiring the space of a traditional cabinet PC. The unit integrates into DIN-rail enclosures and can operate as a central node between motion drives, sensors, and supervisory systems.

The computer operates from a **24 V DC** supply, matching common control-cabinet power rails. Gigabit Ethernet connections use **two RJ45 connectors** driven by Intel i219 and i210 controllers, supporting data rates of 100 or 1000 Mbit/s over copper segments up to 100 meters long. Local expansion is available through two PCIe module slots, while an fTPM 2.0 chip provides hardware-assisted security. The housing includes **four USB ports** that comply with the **USB 3.0** standard and can supply 900 mA through each channel. The **IP20** enclosure protects against accidental finger contact with internal components but is not sealed against liquids. This enclosure type is intended for installation inside a suitable control cabinet.

The front panel provides **one DVI interface** that sends a digital-only video signal to a compatible monitor without analog conversion. Legacy controllers and peripheral devices can exchange data through an **RS-232 serial port**, allowing the computer to communicate with equipment that predates Ethernet-based networking. The unit can withstand a shock of **5 G for 30 ms**, supporting operation in machinery exposed to brief mechanical impacts. It also

operates at a **maximum relative humidity of 95%**, provided that condensation does not form. These interfaces allow the computer to support local visualization and communication with both current and legacy machine components.

Specifications

Dimensions (W x H x D):	90 x 235 x 121 mm	DVI Port:	1 x DVI-D	Dvi Ports:	1
Dvi Signal Type:	Digital only	EMC Emission Standard:	EN 61000-6-4	EMC Immunity Standard:	EN 61000-6-2
Ethernet Ports:	2 x RJ45 Gigabit	Lan Controllers:	Intel i219 / i210	Lan Ports:	2 x RJ45
Lan Speed:	100/1000 Mbit/s	Max Humidity:	95% RH max	Max Lan Cable:	100 m
Model:	C6930	Nominal Voltage:	24 V DC	Operating Humidity:	<=95% RH non-condensing
Operating Temperature:	0 to 55 °C	Pcie Module Slots:	2	Protection Rating:	IP20
RS-232 Port:	1 x RS-232 (9-pin D-sub)	Serial Interface:	RS232	Shock Resistance:	5 G, 30 ms
Storage Temperature:	-25 to 65 °C	Supply Voltage:	22-30 V DC (nominal 24 V)	TPM:	fTPM 2.0 enabled
Usb Current:	900 mA per port	USB Ports:	4	Usb Standard:	USB 3.0
Vibration Resistance:	10-58 Hz: 0.035 mm; 58-500 Hz: 0.5 G	Weight:	2100 g	Last Verified:	10/24/2026 1:21 PM

Contact Us

-  1620 Old Apex Road, Cary, NC 27513, USA
-  **Toll Free:** [1-888-551-3082](tel:1-888-551-3082)
-  **International:** [1-919-443-0207](tel:1-919-443-0207)
-  **Fax:** [1-919-867-6204](tel:1-919-867-6204)
-  **Email:** sales@wakeindustrial.com

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