

Beckhoff — C6 Industrial PC Units

C6930-1154-0060



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The **C6930-1154-0060** is a compact industrial computer produced by Beckhoff within the C6 Industrial PC Units series. Designed for cabinet installation, the device combines an x86 CPU with fieldbus and Ethernet interfaces so it can execute TwinCAT or other real-time control software without a separate PLC. Acting as the automation hub, it synchronizes motion axes, I/O, visualization clients, and data logging tasks across conveyors, packaging machines, and continuous-process equipment.

The housing has a depth of **121 mm**, a width of **90 mm**, and a height of **235 mm**, forming a slim profile that fits beside standard terminal blocks. Its mass of **2100 g** adds thermal inertia while keeping the load on the mounting rail modest. The logic electronics operate from a **24 V DC** supply commonly used in control panels, and the computer remains stable in ambient humidity up to 95%. One DVI-I port allows direct monitor attachment, while a single RS-232 port supports legacy service tools and other serial devices. Each front USB receptacle can supply up to 900 mA for peripherals that require full USB bus power.

The computer provides **4 USB 3.0 ports** for high-speed peripheral connections. It also has **2 RJ45 Ethernet ports**; an Intel i219 controller manages the first port, while an Intel i210 controller manages the second, allowing the networks to remain physically separate. Two internal connectors provide **2 PCIe module slots** for compatible fieldbus or storage cards. An fTPM 2.0 chip protects cryptographic keys and supports hardware-based security functions. The enclosure has an **IP20 protection rating**, so it must be installed inside a switchgear cabinet where it is protected from dust accumulation and water exposure. The separated network controllers allow one connection

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to serve the machine network while the other handles supervisory communication or data exchange.

Specifications

Depth:	121 mm	Dimensions:	90 × 235 × 121 mm	Dvi Ports:	1
EMC emission:	EN 61000-6-4	EMC immunity:	EN 61000-6-2	Height:	235 mm
Humidity:	Up to 95% RH, no condensation	Interfaces (basic):	Power, Ethernet RJ45, USB, DVI, RS232	Lan1 Controller:	Intel i219
Lan2 Controller:	Intel i210	Max Air Humidity:	95 %	Model:	C6930
Nominal Supply Voltage:	24 V DC	Operating temperature:	0 to +55 °C	Pcie Module Slots:	2
Protection rating:	IP20	Rj45 Ethernet Ports:	2	Rs232 Ports:	1
Shock resistance:	5 G, 30 ms (EN 60068-2-27)	Storage temperature:	-25 to +65 °C	Supply voltage:	22-30 V DC
TPM:	fTPM 2.0 enabled	Tpm Version:	fTPM 2.0	Usb 3.0 Ports:	4
Usb Port Current:	900 mA	Vibration resistance:	10-58 Hz: 0.035 mm; 58-500 Hz: 0.5 G (EN 60068-2-6)	Weight:	2100 g
Width:	90 mm	Last Verified:	10/24/2026 3:30 PM		

Contact Us

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