

Beckhoff — C6 Industrial PC Units

C6930-1157-0060



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The **C6930-1157-0060** industrial PC is produced by Beckhoff within the C6 Industrial PC Units series. It is designed as a compact DIN-rail controller for automated machines, where it handles sequencing, visualization, and communication tasks that formerly required separate devices. By consolidating real-time control and standard IT functions, the unit enables deterministic fieldbus exchange while hosting Windows or TwinCAT runtime environments, making it a central element in distributed manufacturing cells.

A nominal input of **24 V DC** feeds the internal supply rails, and the spring-cage power connector is rated for up to **8 A**. This connection supports the computer and attached components such as SSDs or field adapters without requiring separate power connectors. Gigabit Ethernet provides a line speed of **1000 Mbit/s**, supporting high-speed network traffic over copper cable runs of up to 100 m between the computer and a switch. Two internal PCIe module slots accommodate expansion cards, while the front panel provides ports that comply with the **USB 3.0** standard and can supply 900 mA per receptacle for compatible devices. The enclosure has an **IP20** rating, so the computer must be installed in a protected cabinet that allows unobstructed airflow for convection cooling.

Radiated and conducted emissions comply with **EN 61000-6-4**, while electromagnetic immunity complies with **EN 61000-6-2**. These standards support stable operation near industrial equipment such as variable-speed drives and welders. The integrated firmware-based security device supports fTPM 2.0 for secure credential storage. The computer withstands shocks of **5 G** for 30 ms pulses and can operate at a maximum relative humidity of 95%. Ambient operating temperature ranges from 0 °C to **55 °C** without derating, and the network interfaces remain

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functional throughout this temperature range.

Specifications

Dimensions:	90 x 235 x 121 mm (without mounting plate/plugins)	Emc Emission:	EN 61000-6-4	EMC emission standard:	EN 61000-6-4
Emc Immunity:	EN 61000-6-2	EMC immunity standard:	EN 61000-6-2	Expansion slots:	2 PCIe module slots (Beckhoff or motherboard)
Humidity:	Max 95% RH, non-condensing	Interfaces:	Ethernet RJ45 (2x), USB (4x), DVI, RS232	Lan Max Speed:	1000 Mbit/s
Max Air Humidity:	95 %	Max Ambient Temp:	55 °C	Max Ethernet Cable:	100 m
Min Ambient Temp:	0 °C	Nominal Supply:	24 V DC	Operating temperature:	0°C to +55°C
Pcie Module Slots:	2	Power Connector Rating:	8 A	Protection rating:	IP20
Shock Duration:	30 ms	Shock resistance:	5 G	Storage/transport temp:	-25°C to +65°C
Supply voltage:	22-30 V DC	Tpm Version:	fTPM 2.0	Trusted Platform Module:	fTPM 2.0
Usb Port Current:	900 mA	Usb Standard:	USB 3.0	Vibration resistance:	0.035 mm (10-58 Hz), 0.5 G (58-500 Hz) (EN 60068-2-6)
Weight:	2100 g (basic config)	Last Verified:	10/23/2026 11:12 PM		

Contact Us

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