

Beckhoff — C6 Industrial PC Units

C6640-0030 **In-Stock, Ships Today**

- ☒ 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 **C6640-0030** is an industrial PC manufactured by Beckhoff and supplied under the C6 Industrial PC Units series. As a modular computing core for machine controllers, it hosts real-time operating systems and fieldbus interfaces that coordinate motion, logic, and visualization tasks on the factory floor. The unit mounts inside a control cabinet, where its processing resources can replace traditional PLC hardware while accommodating standard PC peripherals. Its modular architecture also supports the interface and storage hardware required for demanding automation applications.

Its steel chassis measures **371 × 336 × 198 mm**, allowing cabinet designers to account for its depth and required ventilation clearances. A mass of **11 kg** distributes the equipment weight across suitable shelf brackets or mounting hardware without exceeding typical enclosure load ratings. The enclosure is rated at **IP20**, which protects internal components against solid objects larger than 12.5 mm but does not provide protection against liquids. Installation should therefore remain limited to clean, dry indoor areas. During handling and transportation, the internal components tolerate mechanical shocks of up to **5 g**, helping protect drives and add-in cards from impact damage. Network connectivity is provided through **two Gigabit Ethernet RJ45 ports** that can support segmented production networks or separate control and plant connections. Two DVI outputs, one DisplayPort output, three analog audio jacks, and two PS/2 connectors accommodate standard display, audio, keyboard, and mouse hardware.

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.

System expansion is based on an ATX mainboard that provides **four USB host channels** for removable media, barcode scanners, security devices, and other compatible peripherals. The board includes **two DRAM SODIMM sockets**, allowing memory capacity to be increased when application code, visualization projects, or image buffering requires additional resources. Legacy field equipment can communicate through **one RS-232 port** without an external converter. Data storage is provided by a **3.5-inch hard disk**, which offers space for recipes, operating logs, archived process information, and vision data sets. The computer tolerates up to 95% noncondensing relative humidity, supporting operation in a range of controlled industrial environments. Its combination of standard PC connections and industrial mounting features allows it to serve as a cabinet-based platform for machine control and visualization software.

Specifications

Air Humidity:	95 %, non-condensing	Audio Connections:	3 x 3.5 mm	Compliance Standards:	CE, FCC, UKCA, EAC
Dimensions:	371 x 336 x 198 mm	Dimensions (w X H X D):	371 x 336 x 198 mm	Displayport Output:	1 x DisplayPort
Dvi Outputs:	2 x DVI	Interfaces:	LAN (2x), USB (4x), DVI (2x), PS/2, RS232, DisplayPort, Audio connections	Lan Interfaces:	2 x Gigabit RJ45
Mainboard:	ATX Motherboard	Mainboard Form Factor:	ATX	Memory Slots:	2 x DRAM SODIMM
Permissible Air Humidity:	Maximum 95%, no condensation	Permissible Ambient Temperature (operation):	0°C to +55°C	Permissible Ambient Temperature (transport/storage):	-25°C to +65°C
Power Consumption:	Refer to detailed datasheet	Processor:	Intel® Processor (configurable)	Protection Rating:	IP20
Ps/2 Interfaces:	2 x PS/2	Serial Interface:	1 x RS232	Shock Resistance:	5 G
Storage:	3.5-inch hard disk	Storage Media:	3.5-inch hard disk	Supply Voltage:	100-240 VAC, max. 3 A, 50-60 Hz or 22-30 VDC (24 VDC)
Usb Interfaces:	4 x USB	Vibration Resistance:	5 m/s² (EN 60068-2-6)	Weight:	11 kg
Last Verified:	10/23/2026 6:29 PM				

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.

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

Shipping Options



Payment Methods



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.