

Beckhoff — CP Panel PC Systems

CP3716-1058-0010 **In-Stock, Ships Today**

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The **CP3716-1058-0010** is a panel PC manufactured by Beckhoff within the CP Panel PC Systems series. Intended for arm-mounted use, it combines a 15.6-inch display, multi-finger capacitive touch sensing, and an x86 motherboard so it can run PLC logic and HMI visualization directly at the machine. Placing the computing hardware at the operator station reduces cabinet wiring and provides rapid access to operating and diagnostic data in packaging, assembly, and intralogistics cells where space and response time are important.

The network section uses an **Intel i210** controller to operate two ports that support **100/1000 Mbit/s** communication, allowing control traffic and plant-wide IT traffic to use separate connections without an external switch. Input power is delivered through a single connector rated for **22-30 VDC**, making the unit compatible with the common 24 VDC bus used in distributed automation panels. The anodized aluminum housing has an **IP65** protection rating, preventing dust and low-pressure water jets from reaching the internal electronics. The complete assembly weighs **6.8 kg**, supporting stable arm mounting and limiting movement during repeated touch commands.

Continuous operation is permitted from **0 to +45 °C**, while storage at temperatures down to -20 °C supports use in indoor production areas and unconditioned storage spaces. An integrated **fTPM 2.0** secure element provides a hardware root of trust for credential storage and runtime code integrity. Mechanical fastening uses a collar designed for a **48 mm** mounting tube, and the attached joint provides a viewing swivel of **±165°** so the screen can be repositioned without tools. The unit withstands vibration of up to 0.5 G at 500 Hz and shock pulses of 5 G for 30 ms,

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helping it remain stable on high-speed processing lines and other machinery exposed to repeated motion.

Specifications

Battery Type:	CR2032 coin cell, 3 V, 225 mAh	Display Size Range:	12''-24'' diagonal	EMC Emission:	EN 61000-6-4
EMC Immunity:	EN 61000-6-2	Ethernet Controller:	Intel i210	Ethernet Speed:	100/1000 Mbit/s
Housing Material:	Aluminum	Interfaces:	Ethernet RJ45; USB; RS-232; RS-422; RS-485	Max Cable Cross-section:	1.5 mm²
Mounting Tube Diameter:	48 mm	Operating Temperature:	0 to +45 °C	Panel Material:	Aluminum housing
Processor Compatibility:	Intel processors	Protection Rating:	IP65	Secure Element:	fTPM 2.0
Shock Resistance:	5 G, 30 ms	Storage Temperature:	-20 to +65 °C	Supply Voltage:	22-30 VDC
Swivel Range:	±165°	Touch Technology:	Multi-Finger Touch	Touchscreen:	Multi-touch
Vibration Resistance:	10-58 Hz: 0.035 mm; 58-500 Hz: 0.5 G	Weight:	6.8 kg	Last Verified:	10/25/2026 6:25 PM

Contact Us

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