

Beckhoff — CP Panel PC Systems

CP7900-1400-0010 **In-Stock, Ships Today**

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The **CP7900-1400-0010** is a panel PC produced by Beckhoff within the CP Panel PC Systems series. It combines an industrial CPU, fieldbus interfaces, and a projected-capacitive touch screen so that it can serve as the local human-machine interface on automated lines, batching skids, or packaging stations. By housing computing power directly on the machine, the unit removes the need for a separate control cabinet display and shortens signal paths between the controller and on-screen diagnostics.

A nominal supply of **24 VDC** is routed through a **4-pin M12** connector rated for up to **16 A**; conductors up to 0.75 mm² can be fitted to the field-assembled plug. When the touch screen is used for direct digital control, the device can process feedback signals at a maximum DDC rate of **50 kHz**, allowing high-resolution sampling of push buttons, jog wheels, or analog sensors wired to the PLC. The front USB port complies with USB 2.0 and transfers data at **480 Mbit/s** through an internal hub that exposes eight USB-E contacts, simplifying updates from USB drives or the connection of barcode scanners.

The aluminum housing is sealed to **IP65**, so washdown water or airborne dust cannot reach the electronics while the panel is operating on the machine frame. Immunity to industrial radio-frequency fields meets **EN 61000-6-2**, and radiated emissions conform to EN 61000-6-4 for installation in mixed-voltage cabinets. The front plate has a shock rating of **5 G for 30 ms**, helping keep the display functional on stamping presses and mobile platforms. Four M6 × 18 mm mounting studs anchor the unit to swing arms or support brackets. The DVI-I interface drives remote monitors up to **50 m** away, allowing status information to be mirrored in control rooms without signal boosters.

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Specifications

Ddc Rate Limit:	50 kHz Max	Design Features:	Optimized frame profile to prevent contamination	Device Type:	Economy Control Panel
Dvi Cable Length:	50 m Max	Emc Emission:	EN 61000-6-4	Emc Immunity:	EN 61000-6-2
Housing:	Stainless steel 1.4301, matt ground 240, silicone seal	Hygienic Compliance:	Hygienic design for food, pharma, medical industries	Installation:	8× M6×20 mm threaded holes for arm adapter
Interfaces:	DVI-E, USB-E 2.0, IP65 connectors, up to 50 m	Max Wire Size:	0.75 mm²	Mounting Holes:	4 x M6 x 18 mm
Mounting Options:	Rotatable stainless steel arm adapters	Nominal Voltage:	24 VDC	Operating Temperature:	0-55 °C
Power Connector:	4-pin M12	Power Plug Rating:	16 A	Power Supply:	24 V DC
Protection Rating:	IP65	Shock Resistance:	5 G, 30 ms	Surface Resistance:	Resistant to cleaning agents/disinfectants
Touch Interface:	Touch Screen	Touch Screen:	Flush-mounted single-finger touch screen	Usb Data Rate:	480 Mbit/s
Usb Standard:	USB 2.0	Usb-e Pin Count:	8	Last Verified:	10/25/2026 2:52 PM

Contact Us

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Payment Methods



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