

Beckhoff — CP Panel PC Systems

CP6907-0001-0010 **In-Stock, Ships Today**

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Warranty

The **CP6907-0001-0010** is a panel-mounted industrial PC built by Beckhoff and included in the CP Panel PC Systems series. The unit integrates a processor platform with a color display so that supervisory control, data acquisition, and local visualization can be performed without an external computer. By combining computing and display functions inside a compact housing, it acts as the front end of a machine, enabling operators to issue commands, review process trends, and interface with field I/O directly on the factory floor.

The unit uses a **TFT** display that offers clear graphics and wide viewing angles for operator guidance. Electrical power is supplied by a **24 VDC** control circuit, and the electronics remain functional down to 22 V, permitting operation on lightly loaded power buses. Power enters through a five-pin connector rated for **16 A**, providing ample capacity for startup inrush and peripheral loads. The aluminum front is sealed to **IP65**, allowing washdown cleaning when the unit is installed in a cabinet door, while the rear has IP20 protection for convection cooling inside the enclosure. Internal components can operate at ambient temperatures up to **+55 °C**, supporting continuous service near motors, drives, or other heat sources.

Spring terminals accept conductors up to **1.5 mm²**, providing secure connections for power and control wiring. Signal integrity over distance is maintained by a DVI connection that can extend to **50 m** when the recommended cabling is used. USB peripherals are supported under the **2.0** standard, and direct connections can extend up to 5 m. Active repeater modules on the USB-E interface allow longer connections comparable to the supported DVI distance. The unit can be transported and stored at temperatures from **-25 °C** to **+65 °C**. Its conformal coating

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tolerates ambient humidity levels up to 95 percent without condensation.

Specifications

Connection kit length:	1 m to 50 m	Connector Rating:	16 A	Display 12 in:	800 x 600
Display 15 in:	1024 x 768	Display 19 in:	1280 x 1024	Display 5.7 in:	640 x 480
Display 6.5 in:	640 x 480	Display Type:	TFT	DVI cable extension:	up to 50 m
Front Protection:	IP65	Grounding:	functional earth	Housing material:	sheet-steel housing with aluminum front
Humidity (operating):	max 95% non-condensing	Max Direct Usb:	5 m	Max Dvi Cable:	50 m
Max Humidity:	95%	Max Operating Temp:	+55 °C	Max Storage Temp:	+65 °C
Max Usb-e Cable:	50 m	Max Wire Size:	1.5 mm²	Min Input At Plug:	22 V
Min Storage Temp:	-25 °C	Mounting:	control cabinet with clamping lever	Nominal Voltage:	24 VDC
Operating temperature:	0 °C to 55 °C	Power Connector:	5-pin	Power supply:	24 V DC (-15%/+20%) isolated source
Protection rating (front):	IP50	Protection rating (rear):	IP20	Rear Protection:	IP20
Storage temperature:	-25 °C to 65 °C	Touch interface:	single-touch, optional protective film	USB 2.0 extension:	up to 50 m via CAT-5 cable
Usb Standard:	2.0	Warranty:	12 months	Last Verified:	10/24/2026 1:23 PM

Contact Us

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Shipping Options



Payment Methods



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