

Beckhoff — CP Panel PC Systems

CP2913-0000 **In-Stock, Ships Today**

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The **CP2913-0000** is a 13-inch panel PC manufactured by Beckhoff within the CP Panel PC Systems series. Designed for front-mounting on electrical enclosures, the unit integrates display, processor, and fieldbus interfaces so that it can run visualization software while directly exchanging data with PLCs. In automated machinery and process equipment it acts both as an operator terminal and as an embedded controller, simplifying cabinet layouts by eliminating a separate computer and monitor.

Protection and power figures define the installation envelope. The aluminum bezel carries a front rating of **IP65**, so dust and low-pressure water jets cannot reach the touchscreen, whereas the rear of the housing remains at **IP20**, matching standard cabinet interiors. Continuous service is specified from 0 °C up to **+55 °C**, and storage is allowed down to -20 °C and up to +65 °C. The electronics tolerate ambient moisture up to **95%** relative humidity without condensation. A pluggable terminal accepts the system's nominal supply of **24 VDC**, and the same connector accommodates control wiring up to 1.5 mm². These limits let the panel share low-voltage power rails that already feed sensors and I/O slices.

Application performance is determined by current draw and signal reach. The power input may carry up to **16 A**, allowing external devices such as hard disks or COM modules to be fed through the internal supply. During transport or operation the chassis withstands shocks of **5 G** for **30 ms**, so it can be mounted on moving gantries or mobile service carts. For distributed operator posts, the DVI line can be routed 50 m to a remote monitor, and USB signals can travel the same 50 m through an active extender or 5 m when connected directly. Data throughput on the

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extended USB channel remains at **480 Mbit/s**, enabling use of high-speed storage or machine-vision cameras without adding a separate industrial hub.

Specifications

Connection Range:	DVI-E and USB-E up to 50 m to PC	Device Type:	Multi-touch built-in control panel with DVI/USB extension	Display Sizes Supported:	12.1" (1280×800), 21.5" (1920×1080), etc.
Dvi Max Length:	50 m	DVI-E Compatibility:	Compatible with standard PC DVI output	DVI-E Input Port:	X106
Front Protection:	IP65	Housing:	Aluminum housing with glass front	Installation:	Pull-out clamping levers, no loose parts
Max Operating Temp:	+55 °C	Max Relative Humidity:	95%	Max Storage Temp:	+65 °C
Max Wire Size:	1.5 mm²	Min Operating Temp:	0 °C	Min Storage Temp:	-20 °C
Nominal Voltage:	24 VDC	Power Connector Current:	16 A	Power Input:	DC 24 V (X101)
Protection Rating Front:	IP65	Protection Rating Rear:	IP20	Rear Protection:	IP20
Relative Humidity:	0-95% (non-condensing)	RJ45 Port:	X105 (USB-E 2.0)	Shock Duration:	30 ms
Shock Resistance:	5 G	Stainless Steel Front Option:	Ordering code C9900-F942	Storage Temperature:	-20 °C to +65 °C
Usb Extended Max Length:	50 m	Usb Extended Rate:	480 Mbit/s	Usb Input Max Length:	5 m
USB Input Port:	X104	USB Output Ports:	X102, X103	USB Specification Support:	USB 3.0 up to 3 m; USB 2.0 up to 5 m or via USB-E
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Shipping Options



Payment Methods



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