

Beckhoff — CP Panel PC Systems

CP7801-1033-0010 **In-Stock, Ships Today**

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The **CP7801-1033-0010** Panel PC is produced by Beckhoff within the CP Panel PC Systems series. This unit integrates a TFT display with an embedded industrial computer, enabling operators to run visualization software, issue machine commands, and collect process data directly at the production line. By merging computing power and graphical output in one sealed housing, the product reduces cabinet space and simplifies wiring in distributed automation architectures.

The electronics are energized by **24 VDC**, with an acceptable range of 20.4 to 28.8 VDC, so the panel can share a common 24-volt control bus with PLC I/O and sensors. User peripherals attach through a USB 1.1 port sealed by a 5-pole M9 connector; data transfer reaches **12 Mbps**, which is adequate for keyboards, scanners, or memory sticks used during setup or service. Remote monitors can be driven through the **DVI-D** video interface, which uses a 19-pole M16 coupling to maintain shielding while supporting digital signals. Continuous operation is permitted from **0 to 55 °C**, allowing use in warm control enclosures without forced cooling. The unit withstands plant vibration from 10 to 58 Hz at 0.035 mm and from 58 to 500 Hz at **0.5 G**, helping prevent display flicker and internal connector loosening.

An **IP65** rating applies to both the front panel and the circular connector plugs, so dust and low-pressure water jets cannot reach the electronics when the four mounting holes secure the aluminum housing to a support arm or control cabinet. Power enters through a 4-pole M12 plug that locks against vibration and withstands momentary shocks of **5 G** for 30 ms. Internal components remain functional in noncondensing atmospheres with up to **95%**

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relative humidity. The unit can be stored at temperatures from **-20 to +65 °C**, allowing spare units to be kept in unconditioned service areas.

Specifications

Connector Plug Rating:	IP65	Dimensions (w X H X D):	272 mm x 183 mm x 48 mm	Display Type:	TFT
Dvi Interface:	DVI-D, 19-Pole M16	Housing Material:	Aluminum	Input Voltage:	24 V DC
Interface:	Ethernet, USB	Max Usb Data Rate:	12 Mbps	Mounting:	Panel mounting
Mounting Holes:	4	Operating Humidity:	95%, Non-Condensing	Operating Temp:	0 to 55 °C
Operating Temperature:	0°C to +55°C	Panel Protection:	IP65	Power Connector:	4-Pole M12
Protection Class:	IP65 (front side)	Resolution:	1280 x 800 pixels	Screen Size:	10.1 inch
Shock Resistance:	5 G, 30 ms	Storage Temp:	-20 to +65 °C	Storage Temperature:	-25°C to +65°C
Supply Voltage:	24 VDC (20.4-28.8 VDC)	Touch Technology:	Capacitive multi-touch	Type:	Control Panel
Usb Interface:	USB 1.1, 5-Pole M9	Vibration Resistance:	10-58 Hz: 0.035 mm; 58-500 Hz: 0.5 G	Weight:	1.3 kg
Last Verified:	10/25/2026 8:51 AM				

Contact Us

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