

Beckhoff — CP Panel PC Systems

CP7732-1207-0030 **In-Stock, Ships Today**

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Beckhoff's **CP7732-1207-0030** belongs to the CP Panel PC Systems series and functions as a fanless panel PC that combines visualization, local control, and network connectivity for machine-level automation. The unit mounts directly on equipment enclosures, allowing operators to issue commands, view process data, and run real-time control tasks from the same screen. Its sealed housing and industrial connectors make it suitable for washdown or dust-laden production areas where conventional office hardware cannot withstand the operating conditions.

The panel accepts a nominal supply of **24 VDC** while remaining operational down to **22 V**, so brownout events on 24-volt control buses do not cause an immediate shutdown. Power enters through a 4-pin M12 plug rated for a continuous current of **16 A**, accommodating the load drawn by the integrated display, processor, and field interfaces. An enclosure rating of **IP65** protects the electronics against water jets and airborne particles. For machine networking, two Ethernet interfaces support line or switch topologies at **100/1000 Mbit/s**. These ports share the same grounding plane as the 24-volt input, minimizing signal imbalance. Cable terminations accept conductors up to 1.5 mm², and the maximum run length per port is 100 m, allowing the PC to connect directly to field-level switches without repeaters.

Electromagnetic compliance follows EN 61000-6-4 for emissions and EN 61000-6-2 for immunity, so the device can operate near inverters and high-current actuators. System memory is based on **DDR4 RAM**, and the operating system image is stored on a removable **CFast** card for convenient access. A single RS-232 port supports legacy serial sensors and other compatible devices. Shock tolerance is rated at **5 G for 30 ms**, helping the electronics

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withstand brief mechanical impacts during machine operation. The electronics can also withstand ambient humidity levels of up to **95% noncondensing**.

Specifications

Capacitance:	1200 µF	Case Size:	Ø 35 mm x 50 mm	Compliant Standards:	RoHS
Connector Current:	16 A	Emc Emission:	EN 61000-6-4	Emc Immunity:	EN 61000-6-2
Esr (equivalent Series Resistance):	20 m? (at 20°C, 120 Hz)	Ethernet Ports:	2	Ethernet Speed:	100/1000 Mbit/s
Insulation Resistance:	100 M? min (at 100 VDC, 1 min)	Lead Spacing:	10 mm	Leakage Current:	2.5 mA max (after 5 min)
Max Ethernet Length:	100 m	Max Humidity:	95%, non-condensing	Max Wire Size:	1.5 mm²
Memory Type:	DDR4-RAM	Minimum Input Voltage:	22 V	Mounting Type:	Radial
Nominal Voltage:	24 VDC	Operating Temperature Range:	-40°C to +85°C	Power Connector:	4-pin M12
Protection Rating:	IP65	Rated Voltage:	30 VDC	Ripple Current:	6.3 A (at 120 Hz, 85°C)
Rs232 Ports:	1	Shock Resistance:	5 G, 30 ms	Storage Medium:	CFast
Tolerance:	±20%	Type:	Capacitor	Weight:	18 g
Last Verified:	10/24/2026 5:21 PM				

Contact Us

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Shipping Options



Payment Methods



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