

## Beckhoff — CP Panel PC Systems

**CP7202-0011-0000** **In-Stock, Ships Today**

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The **CP7202-0011-0000** is a 7-inch Panel PC produced by Beckhoff within the CP Panel PC Systems series. It combines a capacitive touchscreen, a multicore processor, and embedded I/O in one housing, allowing it to serve as both a human-machine interface and a soft PLC in automated production lines. When mounted on a swing arm or directly on the machine frame, the unit provides real-time access to parameters, alarms, and recipes while forwarding field data to supervisory servers through its integrated network interface. This combination of visualization and control reduces cabinet space and simplifies system architecture for original equipment and retrofit projects.

Front protection is rated at **IP65**, which prevents dust and water jets from reaching the display during washdown cycles. A single Ethernet port uses **one RJ45 connector** to provide gigabit communication with controllers, fieldbus gateways, or cloud services without additional cards. Program execution and buffering rely on **DDR4 RAM**, which provides increased memory bandwidth for deterministic motion and visualization tasks. The logic electronics draw power from a **24 VDC supply**, and the input accepts 22 to 30 VDC to maintain stable operation during voltage dips on long wiring runs. Continuous operation is permitted from 0 °C to +45 °C and at up to **95% relative humidity**, allowing installation in many production environments. A discrete fTPM 2.0 secure element stores cryptographic keys for secure boot and OPC UA security.

The unit can withstand shocks of up to **5 G** with a pulse width of **30 ms**, protecting the internal circuit board during accidental impacts or rapid machine stops. For continuous vibration, an amplitude of **0.035 mm** is permitted

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between 10 and 58 Hz, while acceleration of 0.5 G is permitted from 58 to 500 Hz to keep solder joints and connectors within their fatigue limits. Long-term storage is permitted from -20 °C to **+65 °C**, allowing the unit to be kept in unconditioned warehouses.

## Specifications

|                                          |                                      |                             |                               |                               |                                                    |
|------------------------------------------|--------------------------------------|-----------------------------|-------------------------------|-------------------------------|----------------------------------------------------|
| <b>Display sizes:</b>                    | 12, 15, 19 inch                      | <b>EMC emission:</b>        | EN 61000-6-4                  | <b>EMC immunity:</b>          | EN 61000-6-2                                       |
| <b>Ethernet controller:</b>              | Intel i210/i225; 100/1000/2500Base-T | <b>Ethernet interface:</b>  | RJ45 port; cycle times <=1 ms | <b>Ethernet Port:</b>         | 1 x RJ45                                           |
| <b>Humidity Max:</b>                     | 95%                                  | <b>Memory Type:</b>         | DDR4-RAM                      | <b>Mounting:</b>              | 48 mm circular tube arm system                     |
| <b>Operating Temp Max:</b>               | +45 °C                               | <b>Operating Temp Min:</b>  | 0 °C                          | <b>Operating temperature:</b> | 0 °C to +45 °C                                     |
| <b>Power Supply Unit:</b>                | 24 VDC                               | <b>Protection rating:</b>   | IP65                          | <b>Relative humidity:</b>     | <=95% non-condensing                               |
| <b>Secure element:</b>                   | fTPM 2.0                             | <b>Shock Duration:</b>      | 30 ms                         | <b>Shock resistance:</b>      | 5 G                                                |
| <b>Storage Temp Max:</b>                 | +65 °C                               | <b>Storage Temp Min:</b>    | -20 °C                        | <b>Storage temperature:</b>   | -20 °C to +65 °C                                   |
| <b>Supply voltage:</b>                   | 22-30 V DC                           | <b>Supply Voltage Max:</b>  | 30 VDC                        | <b>Supply Voltage Min:</b>    | 22 VDC                                             |
| <b>Vibration 10-58 Hz:</b>               | 0.035 mm                             | <b>Vibration 58-500 Hz:</b> | 0.5 G                         | <b>Vibration resistance:</b>  | EN 60068-2-6; 10-58 Hz: 0.035 mm; 58-500 Hz: 0.5 g |
| <b>Last Verified:</b> 10/25/2026 9:17 PM |                                      |                             |                               |                               |                                                    |

## Contact Us

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## Shipping Options



## Payment Methods



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