

## Beckhoff — CP Panel PC Systems

**CP6907-1002-0000** **In-Stock, Ships Today**

- ☒ Get a Quote in 5 minutes
- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer

**Secure Online**  
Checkout**Free Ground**  
Shipping**One Year**  
Warranty

The **CP6907-1002-0000** is a panel-mount industrial computer produced by Beckhoff within the CP Panel PC Systems series. As a compact HMI platform, the unit combines control processing with a touch display so machines or production lines can be supervised directly from an enclosure door or operator station. It can execute PLC tasks while presenting status graphics, alarms, and parameter pages to factory personnel. This combination reduces the need for separate control and visualization devices in space-constrained machine installations.

The front face integrates a **TFT screen** for full-color visualization, and the aluminum bezel has an **IP65** protection rating that prevents dust and water from entering through the front. Electrical power is supplied from a regulated **24 VDC bus**, and the electronics continue operating at voltages as low as 22 V to withstand brief voltage dips. With Beckhoff extension hardware, display and USB signals can be routed over distances of up to **50 m** for decentralized mounting. Local USB-e ports support data transfer rates of up to **480 Mbit/s**. The internal controller samples digital device data at a maximum DDC rate of 50 kHz, supporting rapid communication with connected equipment. Each USB line can extend up to 5 m without hubs, allowing keyboards, memory devices, and other compatible peripherals to be connected locally.

The rear housing has an **IP20** protection rating because it is intended to remain inside a closed cabinet. It withstands mechanical shocks of up to **5 G** that may occur on mobile or vibrating equipment. Supply wiring enters through a five-pin connector with a 16 A plug rating, while a **4 A fuse** provides overcurrent protection for the PC power segment. Field cables with conductor sizes up to 1.5 mm<sup>2</sup> can be clamped securely, and the protective earth

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

conductor must have a cross-sectional area of at least 4 mm² to meet grounding requirements. Reliable operation is maintained at relative humidity levels as high as **95%**. These wiring and enclosure characteristics support installation in protected industrial control cabinets exposed to vibration and high ambient moisture.

## Specifications

|                                |                                               |                                     |                                        |                               |                                      |
|--------------------------------|-----------------------------------------------|-------------------------------------|----------------------------------------|-------------------------------|--------------------------------------|
| <b>Display size range:</b>     | 5.7 in to 19 in                               | <b>Display Type:</b>                | TFT                                    | <b>EMC emission:</b>          | EN 61000-6-4                         |
| <b>EMC immunity:</b>           | EN 61000-6-2                                  | <b>Enclosure material:</b>          | Sheet-steel housing;<br>aluminum front | <b>Front Protection:</b>      | IP65                                 |
| <b>Interfaces:</b>             | DVI ext. input; USB ext. input; USB I/O       | <b>Max connection cable length:</b> | 50 m                                   | <b>Max Ddc Rate:</b>          | 50 kHz                               |
| <b>Max Fuse Rating:</b>        | 4 A                                           | <b>Max Relative Humidity:</b>       | 95%                                    | <b>Max Remote Distance:</b>   | 50 m                                 |
| <b>Max Wire Cross-section:</b> | 1.5 mm²                                       | <b>Min Earth Wire Size:</b>         | 4 mm²                                  | <b>Min Input At Plug:</b>     | 22 V                                 |
| <b>Mounting:</b>               | Pull-out clamping levers for control cabinets | <b>Nominal Supply Voltage:</b>      | 24 VDC                                 | <b>Operating temperature:</b> | 0°C to +55°C                         |
| <b>Power Connector Pins:</b>   | 5                                             | <b>Power Plug Rating:</b>           | 16 A                                   | <b>Protection rating:</b>     | Front IP65; Rear IP20                |
| <b>Rear Protection:</b>        | IP20                                          | <b>Relative humidity:</b>           | <=95% non-condensing                   | <b>Resolution range:</b>      | 640x480 to 1280x1024                 |
| <b>Shock resistance:</b>       | 5 G                                           | <b>Storage temperature:</b>         | -25°C to +65°C                         | <b>Supply voltage:</b>        | 22-30 VDC (NEC Class 2)              |
| <b>Usb Input Reach:</b>        | 5 m                                           | <b>Usb-e Throughput:</b>            | 480 Mbit/s                             | <b>Vibration resistance:</b>  | 10-58 Hz: 0.035 mm; 58-500 Hz: 0.5 G |
| <b>Last Verified:</b>          | 10/24/2026 5:43 PM                            |                                     |                                        |                               |                                      |

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

## Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 **Toll Free:** [1-888-551-3082](tel:1-888-551-3082)

 **International:** [1-919-443-0207](tel:1-919-443-0207)

 **Fax:** [1-919-867-6204](tel:1-919-867-6204)

 **Email:** [sales@wakeindustrial.com](mailto:sales@wakeindustrial.com)

## Shipping Options



## Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.