

B&R INDUSTRIAL AUTOMATION

4PPC70.0573-20W

Power Panel C70 5.7-inch Controller HMI

Verified technical specifications

Parameter	Official value
Display	5.7-inch TFT color
Resolution	640 x 480 pixels (VGA)
Touchscreen	Analog resistive
Processor	Intel Atom compatible, 333 MHz
Memory	256 MB DDRAM; 32 kB FRAM
Storage	2 GB onboard flash drive
Interfaces	1 x POWERLINK; 1 x Ethernet 10/100; 1 x X2X Link; 2 x USB 2.0
Nominal voltage	24 VDC (-15% / +20%)
Maximum power consumption	14.4 W
Protection	IP65 front; IP20 rear
Operating temperature	0 to 50 °C
Dimensions	17.2 x 14.0 x 5.1 cm
Weight	0.6 kg

Model-specific summary

B&R 4PPC70.0573-20W is a fanless 5.7-inch Power Panel C70 controller HMI with VGA resistive touch, POWERLINK, Ethernet and X2X Link.

4PPC70.0573-20W selection and integration notes

Integration

- POWERLINK provides deterministic machine-network connectivity
- X2X Link connects supported local or distributed B&R I/O
- Ethernet 10/100 and two USB 2.0 ports support service and peripheral connections

Memory

- The application drive is a 2 GB onboard flash device
- 256 MB DDRAM supports controller and visualization execution
- 32 kB FRAM provides nonvolatile storage for retained data

Installation

- The front is rated IP65 when correctly installed in the cabinet cutout
- The standard mounting position is vertical with the documented inclination limits
- The supplied or selected terminal blocks must match the power and field wiring

Customer selection questions

Can B&R 4PPC70.0573-20W run both control and visualization tasks?

Yes. It is a Power Panel C70 controller HMI, so the project can combine machine control with local visualization within the supported Automation Runtime and Automation Studio versions.

Which networks must be matched when replacing B&R 4PPC70.0573-20W?

Record the POWERLINK node role, Ethernet settings and X2X Link configuration, then restore them with the saved project and compatible firmware.

Does B&R 4PPC70.0573-20W use removable application storage?

No. Its documented application storage is a 2 GB onboard flash drive, so back up the installed project before removal.

What power should be verified for B&R 4PPC70.0573-20W?

Verify a 24 VDC supply within the documented -15% to +20% tolerance, correct polarity, grounding and sufficient capacity for the 14.4 W maximum load.