

B&R INDUSTRIAL AUTOMATION

5PC600.SX02-00

Automation PC 620 Two-Slot System Unit

Technical specifications

Parameter	Official value
Expansion slots	2 x 32-bit PCI
Automation Panel Link slot	1
Drive slots	1 slide-in drive slot
CompactFlash	1 x Type I slot
Serial interfaces	2 x RS232, 9-pin male DSUB, up to 115 kbit/s
USB	2 x USB 2.0 Type A, maximum 500 mA each
Ethernet	2 x 10/100 Mbit/s RJ45
Panel/monitor interface	SDL/DVI/Monitor via female DVI-I
Audio	AC97 microphone, line-in and line-out
Keyboard/mouse	Combined PS/2
Power supply	24 VDC
Protection	IP20
Dimensions (W x H x D)	11.49 x 27.0 x 25.3 cm with 5AC600.HS01-00/-01; 13.01 x 27.0 x 25.3 cm with 5AC600.HS01-02
Product weight	Approximately 4.5 kg, component-dependent

Product summary

B&R 5PC600.SX02-00 is a two-PCI-slot Automation PC 620 system unit with SDL/DVI-I, dual RS232, dual USB 2.0, dual 10/100 Ethernet and a 24 VDC supply.

Selection and integration notes

Expansion

- Two 32-bit PCI slots support the documented APC620 option cards
- A separate slot accepts the supported Automation Panel Link transmitter
- The fitted PCI cards and external connections must be recorded before replacement

Configuration

- The CPU board, SO-DIMM memory and heat sink are mandatory configurable components
- CompactFlash and the slide-in drive arrangement must match the installed software image
- Cooling dimensions depend on the selected heat-sink model

Connectivity

- Two 10/100 Ethernet ports support industrial network connections
- Two non-isolated RS232 ports support modem-compatible serial devices
- SDL/DVI-I, two USB 2.0 ports, AC97 audio and PS/2 are integrated

Customer questions

Does B&R 5PC600.SX02-00 include a CPU and memory?

The system unit is modular; select the supported CPU board, SO-DIMM memory and matching heat sink required by the installed APC620 configuration.

Which expansion cards fit B&R 5PC600.SX02-00?

It provides two 32-bit PCI slots, but each card must be checked for APC620 support, power, cooling, driver and operating-system compatibility.

Can B&R 5PC600.SX02-00 connect directly to an Automation Panel?

Yes, when the supported Automation Panel Link transmitter and matching cable are installed in the dedicated link slot.

What storage should be backed up before replacing B&R 5PC600.SX02-00?

Image the CompactFlash and any slide-in drive, then record BIOS, Automation Runtime, network and PCI-card configuration.