

B&R INDUSTRIAL AUTOMATION

5PC910.SX01-00

Automation PC 910 One-Slot System Unit

Technical specifications

Parameter	Official value
Expansion	1 PCI slot or 1 PCIe x8 slot, depending on bus unit
Slide-in compact drive	1 x SATA III
Interface-option slots	2
CFast	1 x SATA III slot
USB	4 x USB 3.0 plus 1 x USB 2.0
Ethernet	2 x 10/100/1000 Mbit/s RJ45
Serial interface	1 x RS232, up to 115 kbit/s
Display interfaces	DisplayPort plus SDL/DVI/Monitor
Power supply	24 VDC +/-25%, SELV; maximum 5.5 A
Maximum inrush current	60 A for less than 300 us
Protection	IP20
Dimensions (W x H x D)	9.1 x 27.0 x 25.475 cm
Product weight	2.05 kg

Product summary

B&R 5PC910.SX01-00 is a one-slot Automation PC 910 system unit with PCI/PCIe bus options, CFast, five USB ports, dual Gigabit Ethernet, DisplayPort and SDL/DVI.

Selection and integration notes

Expansion

- The 5AC901.BX01-00 bus provides one PCI slot
- The 5AC901.BX01-01 bus provides one PCI Express x8 slot
- Two separate interface-option positions support documented APC910 modules

Storage

- One CFast SATA III slot is integrated
- One slide-in compact SATA III drive position is provided
- The boot image and BIOS storage order must be recorded before replacement

Video

- One DisplayPort interface is integrated
- The DVI-I connector supports SDL, DVI or monitor operation
- The final graphics capability depends on the selected CPU board

Customer questions

Does B&R 5PC910.SX01-00 include the CPU board?

No fixed processor is defined by the system unit; select the supported APC910 CPU board, memory and matching heat sink for the installed configuration.

Can B&R 5PC910.SX01-00 use PCI and PCIe together?

No. Its one-slot bus provides either one PCI or one PCI Express x8 position, depending on the installed bus unit.

Which storage image should be saved from B&R 5PC910.SX01-00?

Back up the CFast card and slide-in compact drive, then record BIOS boot order, operating system, Automation Runtime and application licensing.

Can B&R 5PC910.SX01-00 drive both DisplayPort and an Automation Panel?

It provides DisplayPort and SDL/DVI connections, but simultaneous use and resolution depend on the selected CPU board, graphics support and project configuration.