

PC WORX EXPRESS - Programming software



2988670

<https://www.phoenixcontact.com/us/products/2988670>

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PC Worx Express is an easy-to-use engineering software tool. Class 100 and class 1000 modular small-scale controllers as well as the PC WORX SRT software controller with FBD, LD, and ST IEC 61131 programming languages are supported. Projects with max. 128 kB of input and output data can be created. The software is available free of charge and does not require a license key. It is part of the AUTOMATIONWORX Software Suite, which you can download under "Downloads".

Your advantages

- Free programming environment for class 100 and 1000 modular small-scale controllers from Phoenix Contact
- Free programming environment for the PC Worx SRT software controller from Phoenix Contact
- Uniform operation worldwide, thanks to programming according to IEC 61131
- Fast startup and programming, thanks to comprehensive standard libraries
- Integrated fieldbus and network configuration
- Free introduction to programming
- Integrated diagnostics and monitoring
- Comprehensive diagnostic possibilities such as breakpoints, individual steps, debugging in libraries, instance debugging
- Program modifications can also be made while the controller is running
- Consistent support for drag-and-drop
- User-friendly device handling, thanks to integrated PROFIBUS, INTERBUS, and Modbus TCP configuration and addressing

Commercial data

Item number	2988670
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR13
Product key	DRDBAC
Catalog page	Page 29 (C-6-2019)
GTIN	4046356323314
Weight per piece (including packing)	68.4 g
Weight per piece (excluding packing)	68.4 g
Customs tariff number	49119900
Country of origin	DE

Technical data

Product properties

Product type	Programming
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System properties

Control system	(Target system) Embedded and PC-based controllers
Type of software	On-premises
Intended use for the software	Engineering software for controllers

License information

Type of license	Single-user license
	Freeware

Functionality

Basic functions	Configuring an automation system, parameterizing INTERBUS devices, operating INTERBUS, programming an automation system according to IEC 61131-3, communication according to IEC 61131-5
	IEC 61131 includes the following programming languages: - Function block diagram (FBD), - Ladder diagram (LD), - Structured text (ST)
	Network configuration (functionality of Config+)
	Network diagnostics (functionality of Diag+)
Integrated function	Analysis
	Evaluation
	Data acquisition
	Programming
	Configuration
	Diagnostics
	Maintenance
	Communication
Programming languages supported	Programming in acc. with IEC 61131-3
Configuration	INTERBUS
	Modbus/TCP
Diagnostics	INTERBUS
	PROFINET
Control system	(Target system) Embedded and PC-based controllers
Associated hardware	Phoenix Contact control
Number of I/O nodes	128000

System requirements

Operating equipment	Keyboard, mouse
Operating system	Windows® 10 (32-bit/64-bit), as of Build 1511
	Windows®11, as of Build 22000.675
Processor	min. 2 GHz, x86 architecture

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Hard disk memory	min. 2 GByte
RAM	min. 2 GByte
Interfaces	Serial COM port, Ethernet (PCI if there is an INTERBUS master card in the PC)
Supported browsers	Internet Explorer Version 8 or later
Languages supported	German, English, French, Italian, Spanish, Chinese
Screen resolution	SXGA (1280 x 1024)

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Classifications

UNSPSC

UNSPSC 21.0	43233603
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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