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# Software - PC WORX EXPRESS - 2988670

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PC WORX EXPRESS is a piece of easy-to-operate engineering software. Class 100 and class 1000 modular small-scale controllers as well as the PC WORX SRT software controller with IEC-61131 programming languages ST and LD are supported. Free programming version without licensing mechanism, max. 128 kbyte of input and output data.

## Your advantages

☑ 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

☑ Integrated fieldbus and network configuration

☑ Free introduction to programming

☑ Integrated diagnostics and monitoring

☑ Fast startup and programming, thanks to comprehensive standard libraries

☑ Uniform operation worldwide, thanks to programming according to IEC 61131

☑ 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

**RoHS**

**PC WORX EXPRESS**
Compact Controller Programming

## Key Commercial Data

| Packing unit | 1 pc |
|---|---|
| GTIN | |
| GTIN | 4046356323314 |
| Weight per Piece (excluding packing) | 67.200 g |
| Custom tariff number | 85234910 |
| Country of origin | Germany |

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## Technical data

### License information

| Intended use for the software | Engineering software for controllers |
|---|---|

### Functions

| 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 |
| Number of I/O nodes | 128 I/O kbytes |
| Configuration | INTERBUS |
|  | Modbus/TCP |
| Diagnostics | INTERBUS |
|  | PROFINET |
| Control system | (Target system) Embedded and PC-based controllers |

### Hardware requirements

| Hard disk | min. 2 GByte |
|---|---|
| RAM | min. 2 GByte |
| CPU | min. 2 GHz, x86 architecture |
| Interfaces | Serial COM port, Ethernet (PCI if there is an INTERBUS master card in the PC) |
| Monitor resolution | SXGA (1280 x 1024) |
| Operating equipment | Keyboard, mouse |

### Software requirements

| Operating system | Windows® 7 Professional SP1 (32-Bit/64-Bit) |
|---|---|
|  | Windows® 7 Ultimate SP1 (32-Bit/64-Bit) |
|  | Windows® 8.1 Professional (32-Bit/64-Bit) |
|  | Windows® 8.1 Enterprise (32-Bit/64-Bit) |

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## Technical data

### Software requirements

|  | Windows® 10 (32-bit/64-bit), as of Build 1511 |
|---|---|
| Languages supported | German, English, French, Italian, Spanish, Chinese |
| Supported browsers | Internet Explorer Version 8 or later |

## Classifications

### eCl@ss

| eCl@ss 4.0 | 27248000 |
|---|---|
| eCl@ss 4.1 | 27248000 |
| eCl@ss 5.0 | 27242500 |
| eCl@ss 5.1 | 27242500 |
| eCl@ss 6.0 | 27242500 |
| eCl@ss 7.0 | 27242501 |
| eCl@ss 8.0 | 27242501 |
| eCl@ss 9.0 | 27242501 |

### ETIM

| ETIM 2.0 | EC000809 |
|---|---|
| ETIM 3.0 | EC000809 |
| ETIM 4.0 | EC000809 |
| ETIM 5.0 | EC000809 |
| ETIM 6.0 | EC000809 |
| ETIM 7.0 | EC000809 |

### UNSPSC

| UNSPSC 6.01 | 81111810 |
|---|---|
| UNSPSC 7.0901 | 81111810 |
| UNSPSC 11 | 81111810 |
| UNSPSC 12.01 | 43232401 |
| UNSPSC 13.2 | 43233603 |
| UNSPSC 18.0 | 43233603 |
| UNSPSC 19.0 | 43233603 |
| UNSPSC 20.0 | 43233603 |
| UNSPSC 21.0 | 43233603 |

## Accessories

### Accessories

# Software - PC WORX EXPRESS - 2988670

## Accessories

Drivers and interfaces

Software - AX OPC SERVER - 2985945



AX OPC SERVER, communication interface for OPC-capable visualization with PC WORX-based controls.