

2400419

<https://www.phoenixcontact.com/us/products/2400419>

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Software package for PC-based automation solutions (180-day trial period), PC WORX PRO license, contains all 5 IEC languages, with MSFC compiler, max. 128 kB of input and output data, version-specific license key

## Your advantages

- A programming environment for all controllers 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
- Application-specific expansion with corresponding functional blocks
- Integrated diagnostics and monitoring
- Trial license (180 days)
- Consistent support for drag-and-drop
- User-friendly device handling, thanks to integrated PROFINET, PROFIBUS, INTERBUS, and Modbus TCP configuration and addressing
- Program modifications can also be made while the controller is running
- Open interfaces to EPLAN, WinMOD, PLCopen XML
- Integrated simulation environment

## Commercial data

Item number	2400419
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRDBAC
GTIN	4055626041360
Weight per piece (including packing)	25.1 g
Weight per piece (excluding packing)	20 g
Country of origin	DE

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## 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	Planning an automation system, parameterizing the INTERBUS and PROFINET devices, operating INTERBUS and PROFINET, programming an automation system in acc. with IEC 61131-3, communication in acc. with IEC 61131-5
	Network configuration (functionality of Config+)
	Network diagnostics (functionality of Diag+)
Expanded functionality	Unlimited number of input/output data
	Machine Sequential Function Chart (MSFC)
	Fixed Format Ladder Editor (FFLD)
Integrated function	Analysis
	Evaluation
	Data acquisition
	Programming
	Configuration
	Diagnostics
	Maintenance
	Communication
	Functional safety
Programming languages supported	Instruction list (IL)
	Function block diagram (FBD)
	Ladder diagram (LD)
	Structured text (ST)
	Symbolic flowchart (SFC)
	Fixed Format Ladder Editor (FFLD)
	Machine sequential function chart (MSFC)
Configuration	INTERBUS
	PROFINET
	Modbus/TCP
Diagnostics	INTERBUS
	PROFINET

# PC WORX PRO LIC TL180 - Programming software



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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. Intel® Pentium® 4 / Celeron® 1,6 GHz
Hard disk memory	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

### ECLASS

ECLASS-13.0

27242501

### ETIM

ETIM 9.0

EC000809

### UNSPSC

UNSPSC 21.0

43233600

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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
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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