

# PC WORX SRT - Controller

2701680

<https://www.phoenixcontact.com/us/products/2701680>



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This software PLC enables your PC to now handle all control tasks. Control your processes as required via PROFINET or Modbus/TCP

## Your advantages

- Integrated web server for visualization with WebVisit
- OPC support using an AX OPC server
- FTP server
- Easy installation on Valueline industrial PCs
- Numerous protocols supported such as: HTTP, FTP, SNTP, SNMP, SMTP, SQL, MySQL, etc.
- Integrated PROFINET controller and PROFINET device
- Engineering with PC Worx (IEC 61131-3)

## Commercial data

Item number	2701680
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR10
Product key	DRABAA
GTIN	4046356779760
Weight per piece (including packing)	78.4 g
Weight per piece (excluding packing)	78.4 g
Customs tariff number	85234910
Country of origin	DE

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## Technical data

### Product properties

Product type	Software PLC
Basic functions	Complete PLC
	Non-realtime-capable software PLC for installation on a standard PC with integrated Modbus/TCP, plus PROFINET-Controller and device functionality

### System properties

Performance class	Small-scale controller
Programmable under	PC Worx in IEC 61131
Application type	distributed control technology

### IEC 61131 runtime system

Program memory	1 Mbyte
Data storage system	1 Mbyte
Retentive data storage	48 kByte
Number of control tasks	8
Number of data blocks	depending on data storage
Number of timers, counters	depending on data storage
Processing speed	5.5 µs (1 K mixed instructions, Intel® Atom™ Z510PT) 4 µs (1 K bit instructions, Intel® Atom™ Z510PT)

### PROFINET

Device function	PROFINET controller, PROFINET device
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### Functionality

Basic functions	Complete PLC Non-realtime-capable software PLC for installation on a standard PC with integrated Modbus/TCP, plus PROFINET-Controller and device functionality
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### System requirements

Operating equipment	Keyboard, mouse recommended
Operating system	Windows® 7 (32-Bit/64-Bit) Windows® 8.1 (32-Bit/64-Bit) Windows® Embedded Standard 7 Windows® Embedded 2009 Windows® 10 (32-Bit/64-Bit)
Processor	min. Intel® Atom™
Hard disk memory	min. 1 GByte
Interfaces	Ethernet Port
Supported browsers	Internet Explorer Version 8 or later
Screen resolution	XGA (1024 x 768)

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## Electrical properties

Real-time clock

Realtime clock

yes

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## Classifications

### ECLASS

ECLASS-13.0	27242501
ECLASS-15.0	27242501

### ETIM

ETIM 9.0	EC000809
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### 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

### EU REACH SVHC

REACH candidate substance (CAS No.)

No substance above 0.1 wt%

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