

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, 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 |

Technical data

Product properties

| | |
|--------------|--------------|
| Product type | Software PLC |
|--------------|--------------|

System properties

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|--------------------|--------------------------------|
| 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 μ s (1 K mixed instructions, Intel® Atom™ Z510PT) 4 μ s (1 K bit instructions, Intel® Atom™ Z510PT) |

PROFINET

| | |
|-----------------|--------------------------------------|
| Device function | PROFINET controller, PROFINET device |
|-----------------|--------------------------------------|

Functionality

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|-----------------|---|
| 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 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) |

Electrical properties

Real-time clock

| | |
|----------------|-----|
| Realtime clock | yes |
|----------------|-----|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27242501 |
| ECLASS-15.0 | 27242501 |

ETIM

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|-----------|----------|
| ETIM 10.0 | EC002537 |
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UNSPSC

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|-------------|----------|
| 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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.104 kg CO2e |
|---------|---------------|

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