

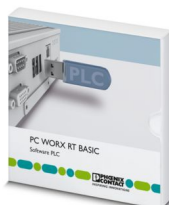
PC WORX RT BASIC - Controller

2700291

<https://www.phoenixcontact.com/us/products/2700291>



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



This software PLC enables your PC to now handle all control tasks in realtime. Of course, this will not affect the usual reliability and stability of your conventional PLC. Control your processes as required via PROFINET or INTERBUS.

Your advantages

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

Commercial data

Item number	2700291
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR10
Product key	DRABAA
GTIN	4046356529112
Weight per piece (including packing)	78.3 g
Weight per piece (excluding packing)	78.3 g
Customs tariff number	85234910
Country of origin	US

Technical data

Product properties

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

System properties

Performance class	high control performance and large-sized memory
Programmable under	PC Worx in IEC 61131
Application type	distributed control technology

IEC 61131 runtime system

Program memory	8 Mbyte
Data storage system	16 Mbyte
Retentive data storage	240 kByte
Number of control tasks	16
Number of data blocks	depending on data storage
Number of timers, counters	depending on data storage
Processing speed	0.001 ms (1 K mixed instructions, Intel® Core™2 Duo 1.5 GHz) 0.7 µs (1 K bit instructions, Intel® Core™2 Duo 1.5 GHz)

PROFINET

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

Functionality

Basic functions	Complete PLC
	PROFINET controller and device functionality only in conjunction with a Valueline PC
	INTERBUS functionality only in conjunction with an INTERBUS master controller board
	Integration of Modbus/TCP in the firmware

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® Core™2 Duo
Hard disk memory	min. 1 GByte
RAM	min. 2 GByte
Interfaces	Ethernet port, USB port
Supported browsers	Internet Explorer Version 8 or later
Optical drive	DVD-ROM
Screen resolution	XGA (1024 x 768)

PC WORX RT BASIC - Controller



2700291

<https://www.phoenixcontact.com/us/products/2700291>

Electrical properties

Real-time clock	
Realtime clock	yes

PC WORX RT BASIC - Controller



2700291

<https://www.phoenixcontact.com/us/products/2700291>

Classifications

ETIM

ETIM 8.0	EC000809
----------	----------

UNSPSC

UNSPSC 21.0	43233600
-------------	----------

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.)	Lead(CAS: 7439-92-1)

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com