

# Controller - PC WORX SRT - 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)



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 779760
GTIN	4046356779760

## Technical data

### Functions

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

### Hardware requirements

Hard disk	min. 1 GByte
RAM	min. 512 Mbyte
CPU	min. Intel® Atom™
Interfaces	Ethernet Port

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## Technical data

### Hardware requirements

Monitor resolution	XGA (1024 x 768)
Operating equipment	Keyboard, mouse recommended

### Software requirements

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)
Supported browsers	Internet Explorer Version 8 or later

### IEC-61131 runtime system

Application type	Distributed control technology
Performance class	Compact controller
Programmable under	PC WorX in IEC 61131
Program memory	1 Mbyte
Data storage	1 Mbyte
Retentive data storage	48 kByte
Number of data blocks	depending on data storage
Number of control tasks	8
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)
Device function	PROFINET controller, PROFINET device
Realtime clock	Yes

## Classifications

### eCl@ss

eCl@ss 10.0.1	27242501
eCl@ss 11.0	27242501
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 9.0	27242501

### ETIM

ETIM 2.0	EC000809
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## Classifications

### ETIM

ETIM 3.0	EC000809
ETIM 4.0	EC001435
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

#### Box PC

##### Industrial PC - VL2 BPC 1000 - 2403046



IP30-rated industrial box PC (BPC) with fanless design and Intel® Atom™ E3845 processor with up to 4 GB of RAM. Mass storage options include HDD and SSD.

##### Industrial PC - VL BPC 2000 - 2402759



IP20-rated Valueline® industrial box PC (BPC) with fanless design. Energy-efficient Intel® quad-core Celeron® N2930 processor. Up to 8 GB of RAM. Mass storage options include CFast®, HDD, and SSD formats.

##### Industrial PC - VL BPC 3000 - 2400183



IP20-rated industrial box PC (BPC) with fanless design and Intel® Core™ i3-4010U processor. Up to 16 GB of RAM. Mass storage options include CFast®, HDD and SSD formats. PCI expansion slots are available.

## Controller - PC WORX SRT - 2701680

### Accessories

#### Industrial PC - VL2 BPC 2000 - 2400332



IP30-rated Valueline® industrial box PC (BPC) with fanless design and Intel® Celeron® N2930 processor. Up to 8 GB of RAM. Mass storage options include HDD and SSD. A single optional PCI or PCIe slot is available.

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#### Industrial PC - VL2 BPC 3000 - 2400492



IP30-rated industrial box PC (BPC) with fanless design and Intel® Core™ i3-4010U processor. Up to 16 GB of RAM. Mass storage options include HDD and SSD. A single optional PCI or PCIe slot is available.

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#### Industrial PC - VL2 BPC 7000 - 2400333



IP30-rated Valueline® industrial box PC (BPC) with fanless design and Intel® Core™ i5-4300U processor with up to 16 GB of RAM. Mass storage options include HDD and SSD. A single optional PCI or PCIe slot is available.

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### Drivers and interfaces

#### Software - AX OPC SERVER - 2985945



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

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#### Software - PC WORX UA SERVER-PLC 40 - 2402685



OPC UA server for communication with a maximum of 25 controllers

## Controller - PC WORX SRT - 2701680

### Accessories

Software - PC WORX UA SERVER-PLC 80 - 2402686



OPC UA server for communication with a maximum of 200 controllers

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### Industrial PC

Panel PC - VL2 PPC7 1000 - 2403708



IP65-rated Valueline® industrial panel PC (PPC) with 17.8 cm/7-inch TFT display, fanless design, and Intel® Atom™ E3845 processor. Up to 4 GB of RAM. Mass storage options up to 64 GB.

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Panel PC - VL2 PPC9 1000 - 2403709



IP65-rated Valueline® industrial panel PC (PPC) with 22.9 cm/9-inch TFT display, fanless design, and Intel® Atom™ E3845 processor. Up to 4 GB of RAM. Mass storage options up to 64 GB.

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Panel PC - VL2 PPC12 1000 - 2403710



IP65-rated Valueline® industrial panel PC (PPC) with 30.7 cm/12.1-inch TFT display, fanless design and Intel® Atom™ E3845 processor. Up to 4 GB of RAM. Mass storage options up to 64 GB.

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Panel PC - VL2 PPC 1000 - 2403047



IP65-rated Valueline® industrial panel PC (PPC) with fanless design and Intel® Atom™ E3845 processor. Up to 4 GB of RAM. Mass storage options include HDD and SSD.

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## Controller - PC WORX SRT - 2701680

### Accessories

#### Panel PC - VL2 PPC 2000 - 2400334



Valueline® industrial panel PC (PPC) with fanless design with IP66 degree of protection and Intel® Celeron® N2930 processor. Up to 8 GB RAM. Mass storage options include HDD and SSD. One slot for a PCI or PCIe card is available as an option.

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#### Panel PC - VL2 PPC 3000 - 2400498



Valueline® industrial panel PC (PPC) with fanless design with IP66 degree of protection and Intel® Core™ i3-4010U processor. Up to 16 GB RAM. Mass storage options include HDD and SSD. One slot for a PCI or PCIe card is available as an option.

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#### Panel PC - VL2 PPC 7000 - 2400346



IP66-rated Valueline® industrial panel PC (PPC) with fanless design and Intel® Core™ i5-4300U processor with up to 16 GB of RAM. Mass storage options include HDD and SSD. A single optional PCI or PCIe slot is available.

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#### Panel PC - DL PPC15 1000 - 2701665



IP65, VESA mounted, fanless industrial PC with LED-backlit 15-inch LCD display and single-touch resistive touch screen. Energy-efficient Intel® Atom™ processor. 2 GB RAM. HDD/SDD mass storage options with choice of operating system.

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#### Panel PC - DL PPC15M 1000 - 2701666



IP65, VESA mounted, fanless industrial PC with LED-backlit 15" LCD display and multi-touch capacitive touch screen. Energy-efficient Intel® Atom™ processor. 2 GB RAM. HDD/SDD mass storage options with choice of operating system.

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## Controller - PC WORX SRT - 2701680

### Accessories

#### Panel PC - DL PPC15M 7000 - 2400017



Full IP65, VESA mounted, fanless industrial PC with LED-backlit 15-inch LCD display and multi-touch capacitive touchscreen. Powerful Intel® i7 processor and configurable RAM, mass storage and operating system options.

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#### Panel PC - DL PPC18.5M 7000 - 2400015



Full IP65, VESA mounted, fanless industrial PC with LED-backlit 18.5-inch LCD widescreen display and multi-touch capacitive touchscreen. Powerful Intel® i7 processor and configurable RAM, mass storage and operating system options.

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#### Panel PC - DL PPC21.5M 7000 - 2400016



Full IP65, VESA mounted, fanless industrial PC with LED-backlit 21.5-inch LCD widescreen display and multi-touch capacitive touchscreen. Powerful Intel® i7 processor and configurable RAM, mass storage and operating system options.

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### Programming

#### Software - PC WORX BASIC LIC - 2985275



Software package for PC-based automation solutions, PC WORX BASIC license, contains all 5 IEC languages, without MSFC compiler, max. 2048 byte input and output data, version-specific license key

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#### Software - PC WORX PRO LIC - 2985385



Software package for PC-based automation solutions, PC WORX PRO license, contains all 5 IEC languages, with MSFC compiler, max 128 kB input and output data, version-specific license key

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