# VL PPC 3000 - Panel PC

2400184

https://www.phoenixcontact.com/us/products/2400184

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.



IP65-rated industrial panel PC (PPC) 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.

## Product description

Phoenix Contact Valueline® industrial computer with configuration options. Options include display, data storage, RAM, PCI slots, CFast® slots, and mounting method.

## Your advantages

- Wide variety of touch screen display sizes with or without USB port
- Compact, rugged housing
- 12" ... 24" touch screen displays
- Flexible mounting options
- Wall, bookshelf or panel mounting
- Easily removable rotating or solid-state hard drives in a variety of sizes
- Two integrated 10/100/1000 Ethernet ports with independent MAC addresses
- USB 2.0 and 3.0 ports
- Up to 16 GB RAM

## Commercial data

| | |
|---|---|
| Item number | 2400184 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | DR12 |
| Product key | DRBAAB |
| Weight per piece (including packing) | 7,000 g |
| Weight per piece (excluding packing) | 6 g |
| Customs tariff number | 84715000 |
| Country of origin | TW |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Panel PC |

Computer data

| | |
|---|---|
| Processor | Intel® Core™ i3-4010U 1.7 GHz |
| Operating system | without operating system |
| | Windows® 7 Ultimate SP1 (32-bit), Multi-language |
| | Windows® 7 Ultimate SP1 (64 bit), Multi-language |
| | Windows® 7 Professional SP1 (32-bit), German |
| | Windows® 7 Professional SP1 (64-Bit), German |
| | Windows® 7 Professional SP1 (32-bit), English |
| | Windows® 7 Professional SP1 (64-bit), English |
| | Windows® 7 Professional SP1 (32-bit), Chinese |
| | Windows® 7 Professional SP1 (64-Bit), Chinese |
| | Windows® Embedded Standard 7 SP1 (32-bit), Multi-language |
| | Windows® Embedded Standard 7 E SP1 (32-bit) |
| | Windows® 10 IoT Enterprise LTSB 2015 (32-bit), Multi-language |
| | Windows® 10 IoT Enterprise LTSB 2015 (64-bit), Multi-language |
| | Windows® 10 IoT Enterprise LTSB 2016 (32-bit), Multi-language |
| | Windows® 10 IoT Enterprise LTSB 2016 (64-bit), Multi-language |
| RAM | 4 GB DDR3 SODIMM |
| | 8 GB DDR3 SODIMM |
| | 16 GB DDR3 SODIMM |
| Data storage system | without data storage |
| | CompactFlash®, 1 GB |
| | CompactFlash®, 2 GB |
| | CompactFlash®, 4 GB |
| | CompactFlash®, 8 GB |
| | CompactFlash®, 16 GB |
| | CompactFlash®, 32 GB |
| | SSD (SLC), 16 GB |
| | SSD (SLC), 32 GB |
| | 2.5" HDD SATA, 320 GB |
| | 2.5" HDD SATA, 500 GB |
| | 2.5" SSD (MLC), 150 GB |
| | 2.5" SSD (MLC), 240 GB |
| | 2.5" SSD (MLC), 480 GB |
| Cooling | passive |
| PCI option 1 | without slot |
| | open PCI slot |
| PCI option 2 | without slot |

| | |
|---|---|
| | open PCI slot |
| Slots | 2x PCI |
| | without slots |
| Optical drive | without drive |
| Disk drive | none |
| Software keyboard | English |

Display

| | |
|---|---|
| Display type | 30.7 cm / 12.1"-TFT |
| | 30.7 cm / 12.1"-TFT FRONT USB |
| | 38.1 cm / 15"-TFT |
| | 38.1 cm / 15"-TFT FRONT USB |
| | 38.1 cm / 15"-TFT STAINLESS |
| | 38.1 cm / 15"-TFT USB BK |
| | 43 cm / 17"-TFT |
| | 43 cm / 17"-TFT FRONT USB |
| | 47 cm / 18.5"-TFT |
| | 48.3 cm / 19"-TFT |
| | 48.3 cm / 19"-TFT FRONT USB |
| | 54.6 cm / 21.5"-TFT |
| | 60.9 cm / 24"-TFT FRONT USB |
| Screen resolution | 800 x 600 Pixel(s) (SVGA) |
| | 1024 x 768 Pixel(s) (XGA) |
| | 1280 x 1024 Pixel(s) (SXGA) |
| | 1366 x 768 Pixel(s) (WXGA) |
| | 1920 x 1080 Pixel(s) (Full HD) |
| Touch technology | analog resistive (polyester) |
| Display lighting type | LED |
| Brightness | Dependent on configuration |
| MTBF | Dependent on configuration |

## System properties

| | |
|---|---|
| User software | without user software |
| | PC WORX SRT |
| | PC WORX RT BASIC |
| | VLC runtime |
| | VLC runtime / Citect HMI |

## Electrical properties

| | |
|---|---|
| Service life of battery | 5 years (typical) |

Supply

| | |
|---|---|
| Supply voltage | 24 V DC (typical) |
| Supply voltage range | 19.2 V DC ... 28.8 V DC |
| Power supply unit | 24 V DC ±20 % |

Real-time clock

| | |
|---|---|
| Real-time clock | Yes (battery-backed) |

## Interfaces

| | |
|---|---|
| Interfaces | 1x COM (RS-232/422/485) |
| | 3x USB 2.0 |
| | 1x USB 3.0 |
| Optional interfaces | with front USB |
| Monitor output | 1x DisplayPort |
| | 1x DVI-D |
| Network | 2x Ethernet (10/100/1000 Mbps), RJ45 |
| LAN chipset | Intel® I210-IS |

## Dimensions

| | |
|---|---|
| Note on dimensions | dependent on configuration |

Installation dimensions

| | |
|---|---|
| Width / Height / Installation depth | / / (dependent on configuration) |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP65 (front), IP20 (back) |
| Ambient temperature (operation) | -20 °C ... 50 °C (Configuration options can affect the operating temperature. See user manual for details) |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Altitude | 2000 m |
| Permissible humidity (operation) | 5 % ... 95 % (non-condensing) |
| Permissible humidity (storage/transport) | 5 % ... 95 % (non-condensing) |
| Shock | 15g, 11 ms impulse in accordance with IEC 60068-2-27 |
| Vibration (operation) | IEC 60068-2-27 |

## Mounting

| | |
|---|---|
| Mounting type | Front mounting |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 19200103 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 43211500 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(a), 6(a)-I, 7(a), 7(c)-I |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-10 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | Lead titanium zirconium oxide(CAS: 12626-81-2) |
| | Lead titanium trioxide(CAS: 12060-00-3) |
| | Lead(CAS: 7439-92-1) |

Phoenix Contact 2026 © - 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