

# BL2 PPC7 1201-4/64-W10 - Panel PC



1274012

<https://www.phoenixcontact.com/us/products/1274012>

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 panel PC (PPC) with 7-inch screen, Intel® Celeron® N3350 processor, 4 GB of RAM, 64 GB mSATA SSD, and Windows 10 IoT Enterprise LTSC 2019 operating system.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1274012       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DR12          |
| Product key                          | DRBABB        |
| GTIN                                 | 4063151465599 |
| Weight per piece (including packing) | 1,848 g       |
| Weight per piece (excluding packing) | 1,818 g       |
| Customs tariff number                | 84714100      |
| Country of origin                    | TW            |

## Technical data

### Notes

#### Note on application

|                     |                         |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

### Product properties

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

#### Computer data

|                     |                                                               |
|---------------------|---------------------------------------------------------------|
| Processor           | Intel® Celeron® N3350                                         |
| Operating system    | Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language |
| RAM                 | 4 GB DDR3 SODIMM                                              |
| Data storage system | 64 GB M.2-SSD                                                 |
| Cooling             | passive                                                       |

#### Display

|                       |                                 |
|-----------------------|---------------------------------|
| Display type          | 17.8 cm / 7"-TFT                |
| Screen resolution     | 1024 x 600 Pixel(s) (WVGA)      |
| Touch technology      | projective-capacitive (PCAP)    |
| Display lighting type | LED                             |
| Brightness            | 300 cd/m², typical (adjustable) |
| MTBF                  | > 20000 h                       |
| Color spectrum        | 16.2 million colors             |
| Reading angle bottom  | 10-point touch                  |

### System properties

|               |                       |
|---------------|-----------------------|
| User software | without user software |
|---------------|-----------------------|

### Electrical properties

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

#### Supply

|                          |               |
|--------------------------|---------------|
| Power supply unit        | 24 V DC ±20 % |
| Max. current consumption | 1.07 A        |

#### Real-time clock

|                |                      |
|----------------|----------------------|
| Realtime clock | Yes (battery-backed) |
|----------------|----------------------|

### Connection data

#### Power supply

|                                   |                      |
|-----------------------------------|----------------------|
| Connection method                 | Screw connection     |
| Conductor cross-section, rigid    | 0.14 mm² ... 1.5 mm² |
| Conductor cross-section, flexible | 0.14 mm² ... 1.5 mm² |
| Conductor cross-section AWG       | 28 ... 16            |

# BL2 PPC7 1201-4/64-W10 - Panel PC



1274012

<https://www.phoenixcontact.com/us/products/1274012>

|                  |      |
|------------------|------|
| Stripping length | 7 mm |
|------------------|------|

## Interfaces

|                |                                      |
|----------------|--------------------------------------|
| Interfaces     | 1x COM (RS-232)                      |
|                | 1x USB 2.0                           |
|                | 2x USB 3.0                           |
|                | 2x COM (RS-232/422/485)              |
| Monitor output | 1x HDMI                              |
| Network        | 2x Ethernet (10/100/1000 Mbps), RJ45 |
| LAN chipset    | Intel® I210-AT                       |

## Dimensions

### External dimensions

|                        |                         |
|------------------------|-------------------------|
| Width / Height / Depth | 196 mm / 134 mm / 48 mm |
|------------------------|-------------------------|

### Installation dimensions

|                                     |                                                 |
|-------------------------------------|-------------------------------------------------|
| Width / Height / Installation depth | 186 mm / 124 mm / (Panel cutout for 7" display) |
|-------------------------------------|-------------------------------------------------|

## Environmental and real-life conditions

### Ambient conditions

|                                          |                                              |
|------------------------------------------|----------------------------------------------|
| Degree of protection                     | IP65 (front), IP20 (back)                    |
| Ambient temperature (operation)          | -5 °C ... 50 °C                              |
| Ambient temperature (storage/transport)  | -20 °C ... 70 °C                             |
| Permissible humidity (operation)         | 10 % ... 90 % (non-condensing)               |
| Permissible humidity (storage/transport) | 10 % ... 90 % (non-condensing)               |
| Shock                                    | 20g, 11 ms in accordance with IEC 60068-2-27 |
| Vibration (operation)                    | DIN EN 60068-2-6                             |

## Mounting

|               |                                      |
|---------------|--------------------------------------|
| Mounting type | Front mounting                       |
|               | VESA holder (not for industrial use) |
| Holder system | VESA MIS-D 75                        |
|               | VESA MIS-D 100 C                     |

# BL2 PPC7 1201-4/64-W10 - Panel PC



1274012

<https://www.phoenixcontact.com/us/products/1274012>

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1274012>



**cULus Listed**

Approval ID: E238705

# BL2 PPC7 1201-4/64-W10 - Panel PC



1274012

<https://www.phoenixcontact.com/us/products/1274012>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 19200103 |
| ECLASS-15.0 | 19200103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001414 |
|----------|----------|

### UNSPSC

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

## Environmental product compliance

## EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes                |
| Exemption                               | 6(c), 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.) | 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)(CAS: 110-71-4) |
|                                     | Lead titanium trioxide(CAS: 12060-00-3)                                     |
|                                     | Lead(CAS: 7439-92-1)                                                        |
| SCIP                                | 7eec52cb-d08e-45ae-9113-cea96cf271c0                                        |