

# BL2 PPC10 1201-4/128-W10 - Panel PC



1274014

<https://www.phoenixcontact.com/us/products/1274014>

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IP65 panel PC (PPC) with 10-inch screen, Intel® Celeron® N3350 processor, 4 GB of RAM, 128 GB mSATA SSD, and Windows 10 IoT Enterprise LTSC 2019 operating system.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1274014       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DR12          |
| Product key                          | DRBABB        |
| GTIN                                 | 4063151466039 |
| Weight per piece (including packing) | 2,530 g       |
| Weight per piece (excluding packing) | 1,900 g       |
| Customs tariff number                | 84714100      |
| Country of origin                    | TW            |

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## 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 | 128 GB mSATA                                                  |
| Cooling             | passive                                                       |

#### Display

|                       |                                 |
|-----------------------|---------------------------------|
| Display type          | 25.7 cm / 10.1"-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                  | > 25000 h                       |
| Color spectrum        | 262000 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 | 1.09 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            |

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|                  |      |
|------------------|------|
| 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 | 266 mm / 184 mm / 48 mm |
|------------------------|-------------------------|

### Installation dimensions

|                                     |                                                  |
|-------------------------------------|--------------------------------------------------|
| Width / Height / Installation depth | 229 mm / 155 mm / (Panel cutout for 10" 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                     |

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## Approvals

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**cULus Listed**

Approval ID: E238705

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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## 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)                                                        |

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