

# BL2 BPC 1501E - Box PC

1130669

<https://www.phoenixcontact.com/us/products/1130669>



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IP30-rated fanless industrial box PC (BPC) with energy-efficient Intel® Celeron® N3350 processor, 32 GB eMMC mass storage, open M.2 slot, and 2x COM ports

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1130669                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DR12                           |
| Product key                          | DRBABA                         |
| GTIN                                 | 4063151059767                  |
| Weight per piece (including packing) | 936 g                          |
| Weight per piece (excluding packing) | 923.5 g                        |
| Customs tariff number                | 84715000                       |
| Country of origin                    | TW                             |

## Technical data

### Notes

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

### Product properties

|              |        |
|--------------|--------|
| Product type | Box PC |
|--------------|--------|

#### Data management status

|                  |    |
|------------------|----|
| Article revision | 06 |
|------------------|----|

#### Computer data

|                     |                                    |
|---------------------|------------------------------------|
| Processor           | Intel® Celeron® N3350 1.10/2.4 GHz |
| Operating system    | without operating system           |
| RAM                 | 4 GB LPDDR4                        |
| Data storage system | eMMC internal, 32 GB               |
| Cooling             | passive                            |

#### Display

|              |      |
|--------------|------|
| Display type | none |
|--------------|------|

### System properties

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

### Electrical properties

|                                                 |        |
|-------------------------------------------------|--------|
| Maximum power dissipation for nominal condition | 16.8 W |
|-------------------------------------------------|--------|

#### Supply

|                             |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| Supply voltage (DC)         | 24 V DC (CE rating)                                                 |
| Supply voltage range        | 12 V DC ... 30 V DC (Labeled operational voltage is 12 ... 30 V DC) |
| Max. current consumption    | 0.7 A (24 V DC)                                                     |
| Typical current consumption | 0.53 A (24 V DC)                                                    |

### Connection data

#### Power supply

|                                   |                                              |
|-----------------------------------|----------------------------------------------|
| Connection method                 | Screw connection                             |
| Conductor cross section, rigid    | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section, flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG       | 28 ... 16                                    |
| Stripping length                  | 7 mm                                         |

### Interfaces

|            |            |
|------------|------------|
| Interfaces | 1x DP++    |
|            | 2x USB 3.0 |

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|             |                                      |
|-------------|--------------------------------------|
|             | 2x COM ports                         |
| Network     | 2x Ethernet (10/100/1000 Mbps), RJ45 |
| LAN chipset | Intel® I210-AT                       |

## Dimensions

### External dimensions

|                        |                       |
|------------------------|-----------------------|
| Width / Height / Depth | 99 mm / 92 mm / 63 mm |
|------------------------|-----------------------|

## Environmental and real-life conditions

### Ambient conditions

|                                         |                                              |
|-----------------------------------------|----------------------------------------------|
| Degree of protection                    | IP30                                         |
|                                         | IP30                                         |
| Ambient temperature (operation)         | -20 °C ... 50 °C (with 0.5 m/s airflow)      |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C                             |
| Permissible humidity (operation)        | 5 % ... 85 % (non-condensing)                |
| Shock                                   | 15g, 11 ms in accordance with IEC 60068-2-27 |
| Vibration (operation)                   | 1g, according to EN 60068-2-6                |

## Approvals

### Conformity/Approvals

|             |                                         |
|-------------|-----------------------------------------|
| Conformance | CE-compliant                            |
| FCC         | Title 47 Part 15 Subpart B:2018 Class A |

## Mounting

|               |                                      |
|---------------|--------------------------------------|
| Mounting type | DIN rail mounting                    |
|               | Wall mounting (Accessories required) |

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## Approvals

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|                                                                                     |                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------|
|    | <b>IECEE CB Scheme</b><br>Approval ID: US-39601-UL   |
|    | <b>EAC</b><br>Approval ID: RU C-DE.A*08.B01708       |
|    | <b>UL Listed</b><br>Approval ID: FILE E 238705       |
|    | <b>cUL Listed</b><br>Approval ID: FILE E 238705      |
|  | <b>EAC-RoHS</b><br>Approval ID: RU*-DE*HB.B.00386/20 |
|                                                                                     | <b>cULus Listed</b>                                  |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 19200102 |
| ECLASS-12.0 | 19200102 |
| ECLASS-13.0 | 19200102 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001413 |
|----------|----------|

### UNSPSC

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

Environmental product compliance

|                                         |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS                                 |                                                                                                                                                                                                                                   |
| Fulfills EU RoHS substance requirements | Yes                                                                                                                                                                                                                               |
| Exemption                               | 7(a), 7(c)-I                                                                                                                                                                                                                      |
| China RoHS                              |                                                                                                                                                                                                                                   |
| Environment friendly use period (EFUP)  | EFUP-15                                                                                                                                                                                                                           |
|                                         | 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(CAS: 7439-92-1)                                                                                                                                                                                                              |
| SCIP                                    | 6c387b95-07c0-4fec-aa97-9dfb90a0f7ad                                                                                                                                                                                              |

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## Accessories

### SI-RND-U1A - Data interface

1425185

<https://www.phoenixcontact.com/us/products/1425185>

Service socket with USB A 3.0 (socket/socket), with protective cover



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### DP TO VGA ADPTR - Adapter

2400173

<https://www.phoenixcontact.com/us/products/2400173>

DisplayPort to VGA video adapter



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## DP TO DVI ADPTR - Adapter

2400174

<https://www.phoenixcontact.com/us/products/2400174>

DisplayPort to DVI-i video adapter



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## VL 2.0M DP CABLE - Connecting cable

2404774

<https://www.phoenixcontact.com/us/products/2404774>

DisplayPort (DP) cable (2 m) for use with industrial computers



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## BL2 BPC 1500 WALL MOUNT KIT - Mounting kit

1147655

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Mounting kit



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## BL2 BPC 1500 RTC BATTERY - Battery/accumulator

1147739

<https://www.phoenixcontact.com/us/products/1147739>

Replacement battery (BR2030) for BL2 BPC 1500... IPCs



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## BL2 BPC 1500 DIN RAIL KIT - Mounting kit

1147464

<https://www.phoenixcontact.com/us/products/1147464>



DIN rail mounting kit for BL2 BPC 15... products

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## BL2 BPC 1500 64GB M.2 SSD KIT - Memory

1147738

<https://www.phoenixcontact.com/us/products/1147738>



64 GB M.2 SSD kit for BL2 1500 IPC, heat spreader, bracket, and thermal pads are included

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### BL2 BPC 1500 128GB M.2 SSD KIT - Memory

1147737

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128 GB M.2 SSD kit for BL2 1500 IPC, heat spreader, bracket, and thermal pads are included



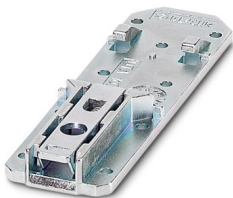
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### UTA 107/30 - Mounting adapter

2320089

<https://www.phoenixcontact.com/us/products/2320089>

Universal DIN rail adapter



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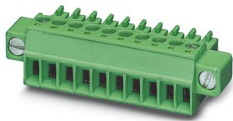
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## MC 1,5/ 2-STF-3,5 - PCB connector

1847055

<https://www.phoenixcontact.com/us/products/1847055>



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: MC 1,5/...-STF, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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