

# Box PC - BL2 BPC 1501E-128-W10



1158235

<https://www.phoenixcontact.com/pc/products/1158235>

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IP30-rated fanless industrial box PC (BPC) with energy-efficient Intel® Celeron® N3350 processor with 32 GB eMMC mass storage, 128 GB M.2 SSD, 2x COM ports, and Windows 10 Enterprise 2019 LTSC operating system

## Commercial Data

Item number	1158235
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	DRBABA
GTIN	4063151163754
Weight per Piece (including packing)	915 g
Weight per Piece (excluding packing)	650 g
Customs tariff number	84715000
Country of origin	TW

## Technical Data

### Notes

#### Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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### Product properties

Product type	Box PC
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#### Computer data

Processor	Intel® Celeron® N3350 1.10/2.4 GHz
Operating system	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
Cooling	passive
RAM	4 GB LPDDR4
Data storage	eMMC internal, 32 GB 128 GB M.2 SSD

#### Display

Display type	none
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### Electrical properties

#### Supply

Supply voltage	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)

### Interfaces

Interfaces	1x DP++
	2x USB 3.0
	2x COM ports
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I210-AT

### Software

User software	without user software
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### Dimensions

#### External dimensions

Width / Height / Depth	99 mm / 92 mm / 63 mm
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### Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP30
Degree of protection	IP30
Ambient temperature (operation)	-20 °C ... 50 °C (with 0.5 m/s air flow)
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

## Approval data

### Conformity/Approvals

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

## Mounting

Mounting type	DIN rail mounting
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## Approvals



**EAC**

Approval ID: RU C-DE.A\*08.B01708



**EAC**

Approval ID: RU\*-DE\*HB.B.00386/20

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## Classifications

### ECLASS

ECLASS-9.0	19200102
ECLASS-10.0.1	19200102
ECLASS-11.0	19200102

### ETIM

ETIM 8.0	EC001413
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### UNSPSC

UNSPSC 21.0	43211500
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## Environmental Product Compliance

REACH SVHC

Lead 7439-92-1

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## Accessories

### Data interface

Data interface - SI-RND-U1A - 1425185

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

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



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### Adapter

Adapter - DP TO VGA ADPTR - 2400173

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

DisplayPort to VGA video adapter



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## Adapter

Adapter - DP TO DVI ADPTR - 2400174

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

DisplayPort to DVI-i video adapter



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## Connecting cable

Connecting cable - VL 2.0M DP CABLE - 2404774

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

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





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## Mounting kit

Mounting kit - BL2 BPC 1500 WALL MOUNT KIT - 1147655

<https://www.phoenixcontact.com/pc/products/1147655>

Mounting kit



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## Battery/accumulator

Battery/accumulator - BL2 BPC 1500 RTC BATTERY - 1147739

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

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



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## Mounting kit

Mounting kit - BL2 BPC 1500 DIN RAIL KIT - 1147464

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



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

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## Memory

Memory - BL2 BPC 1500 64GB M.2 SSD KIT - 1147738

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



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

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## Memory

Memory - BL2 BPC 1500 128GB M.2 SSD KIT - 1147737

<https://www.phoenixcontact.com/pc/products/1147737>

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



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## Memory

Memory - BL2 X100 480GB 2.5 SSD MLC - 1185762

<https://www.phoenixcontact.com/pc/products/1185762>

480 GB 2.5 SSD kit for BL2 x100 IPCs



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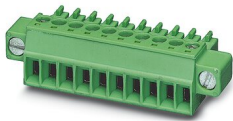
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## PCB connector

PCB connector - MC 1,5/ 2-STF-3,5 - 1847055

<https://www.phoenixcontact.com/pc/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, type of contact: Female connector, 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 °, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, locking: Screw locking, mounting: Screw flange, type of packaging: packed in cardboard

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