

# BL2 BPC 1541E-8/128-W10 - Box PC



1272687

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IP30-rated fanless industrial box PC (BPC) with energy-efficient Intel® Atom® E3940 processor with 128 GB eMMC and Windows 10 Enterprise 2019 LTSC operating system.

Similar figure

## Commercial data

Item number	1272687
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBABA
GTIN	4063151465001
Weight per piece (including packing)	920.8 g
Weight per piece (excluding packing)	746 g
Customs tariff number	84715000
Country of origin	TW

## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Box PC
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#### Computer data

Processor	Intel® Atom™ E3940 1.6 GHz
Operating system	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	8 GB LPDDR4
Data storage system	M.2 SSD, 128 GB
Cooling	passive

#### Display

Display type	none
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### System properties

User software	without user software
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### Electrical properties

Maximum power dissipation for nominal condition	16.8 W
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#### Supply

Supply voltage (DC)	24 V DC ±20% (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 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.14 mm² ... 1.5 mm²
Conductor cross-section AWG	28 ... 16
Stripping length	7 mm

### Interfaces

Interfaces	1x DP++
	2x USB 3.0
	2x COM ports
Network	2x Ethernet (10/100/1000 Mbps), RJ45

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LAN chipset	Intel® I210-AT
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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

### Ambient conditions

Degree of protection	IP30 IP30
Ambient temperature (operation)	-20 °C ... 60 °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
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## Mounting

Mounting type	DIN rail mounting
	Panel mounting (Accessories required)

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1272687>



### IECEE CB Scheme

Approval ID: US-39601-M1-UL



### UL Listed

Approval ID: E238705 D12:D1050



### cUL Listed

Approval ID: E238705 D12:D1050

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## Classifications

### ECLASS

ECLASS-13.0	19200102
ECLASS-15.0	19200102

### ETIM

ETIM 9.0	EC001413
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### 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-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)
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