BL2 BPC 1501E-W - Box PC

1141843

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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 Wi-Fi

Commercial data

Item number	1141843
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR12
Product key	DRBABA
GTIN	4063151101275
Weight per piece (including packing)	956 g
Weight per piece (excluding packing)	650 g
Customs tariff number	84715000
Country of origin	TW

Technical data

Product properties

Product type	Box PC

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 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
	1x Wireless LAN
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)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1141843

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

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

IECEE CB Scheme
Approval ID: US-39601-UL

UL Listed
Approval ID: FILE E 238705

cUL Listed
Approval ID: FILE E 238705

cULus Listed

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	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.

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



DP TO VGA ADPTR - Adapter

2400173

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

DisplayPort to VGA video adapter



DP TO DVI ADPTR - Adapter

2400174

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

DisplayPort to DVI-i video adapter



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



BL2 BPC 1500 WALL MOUNT KIT - Mounting kit

1147655

https://www.phoenixcontact.com/us/products/1147655

Mounting kit



BL2 BPC 1500 RTC BATTERY - Battery/accumulator

1147739

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

Replacement battery (BR2030) for BL2 BPC 1500… IPCs



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

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

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

1147737

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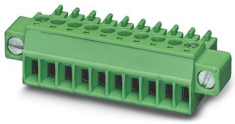


128 GB M.2 SSD kit for BL2 1500 IPC, heat spreader, bracket, and thermal pads are included

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^2, 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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