BL2 BPC 1501E-W-128-W10-T - Box PC

1158231

https://www.phoenixcontact.com/us/products/1158231

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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, Windows 10 Enterprise 2019 LTSC operating system, Wi-Fi, and a Trusted Platform Module (TPM)

Commercial data

Item number	1158231
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBABA
GTIN	4063151162498
Weight per piece (including packing)	920 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	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	4 GB LPDDR4
Data storage system	eMMC internal, 32 GB
	128 GB M.2 SSD
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/1158231

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

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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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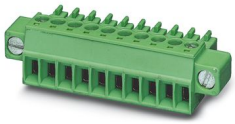


128 GB M.2 SSD kit for BL2 1500 IPC, heat spreader, bracket, and thermal pads are included

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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