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

1158245

https://www.phoenixcontact.com/us/products/1158245

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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 and Wi-Fi

Commercial data

Item number	1158245
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBABA
GTIN	4063151163396
Weight per piece (including packing)	920 g
Weight per piece (excluding packing)	650 g
Customs tariff number	84715000
Country of origin	TW

Technical data

Notes

Note on application

Note on application	Only for industrial use

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 ±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

	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

Mounting

Mounting type	DIN rail mounting
	Panel mounting (Accessories required)

Classifications

ECLASS

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.

EU REACH SVHC

REACH candidate substance (CAS No.)	Diboron trioxide(CAS: 1303-86-2)
	Lead monoxide (lead oxide)(CAS: 1317-36-8)
	Lead(CAS: 7439-92-1)
SCIP	ef6486af-6652-466f-9c4c-789ed9e08e48

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com