BL2 BPC 2100 - Box PC

1105773

https://www.phoenixcontact.com/us/products/1105773

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IP20-rated fanless industrial box PC (BPC) with energy-efficient Intel® Pentium® quad-core processor with 4 GB of RAM and M.2 mass storage.



Commercial data

Item number	1105773
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR20
Product key	DRBABA
Weight per piece (including packing)	1,736 g
Weight per piece (excluding packing)	1,659 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® Pentium® N4200 1.1/2.5 GHz
Operating system	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	4 GB DDR3
Data storage system	M.2 SSD
Cooling	passive

System properties

User software	without user software
	Visu+

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %

Real-time clock

Real-time clock	Yes (battery-backed)

Interfaces

Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	2x USB 2.0
	2x USB 3.0
Monitor output	2x DisplayPort
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I210-AT

Dimensions

External dimensions

Width / Height / Depth	185 mm / 131 mm / 54 mm

Installation dimensions

Width / Height / Installation depth	194 mm / 94 mm /

Material specifications

Color (Housing)	white aluminium (RAL 9006)

Environmental and real-life conditions

Ambient conditions

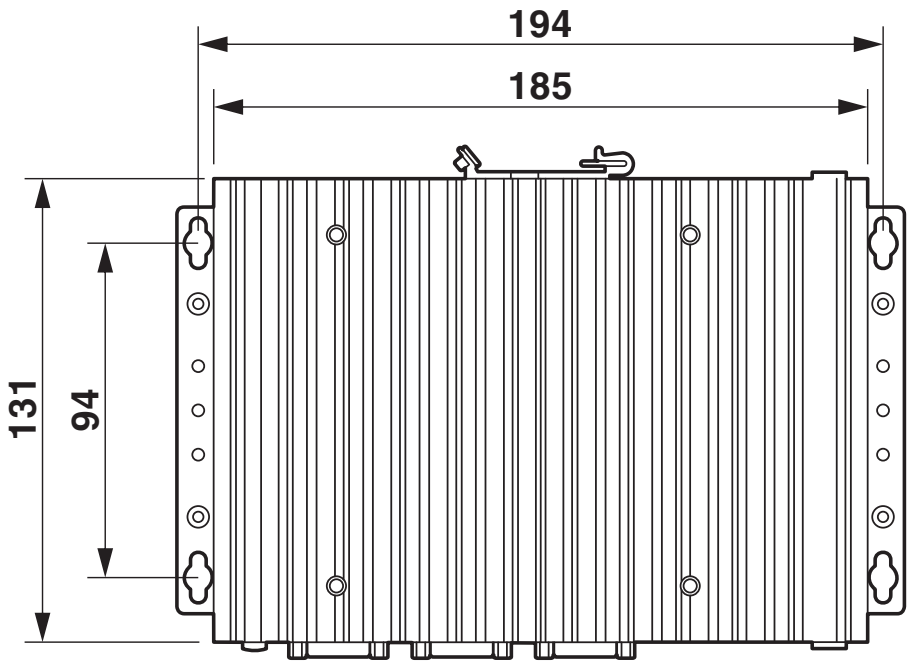
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 75 °C
Permissible humidity (operation)	10 % ... 90 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 90 % (non-condensing)
Shock	20g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	$2g_{rms}$ at sine, 5~500 Hz, 1 h/axis (panel mounting; SSD operating) according to EN 60068-2-6 $0.5g_{rms}$ at sine, 5~500 Hz, 1 h/axis (panel mounting; HDD operating) according to EN 60068-2-6

Mounting

Mounting type	Panel mounting
	DIN rail mounting

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1105773

IECEE CB Scheme
Approval ID: US-37343-M1-UL

cULus Listed
Approval ID: E238705

Classifications

ECLASS

ECLASS-13.0	19200102
ECLASS-15.0	19200102

ETIM

ETIM 10.0	EC001413

UNSPSC

UNSPSC 21.0	43211500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-10
	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.)	1-Methyl-2-pyrrolidone (NMP)(CAS: 872-50-4)
	Lead(CAS: 7439-92-1)
	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one(CAS: 71868-10-5)

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