

BL2 BPC 2000 - Box PC



2404844

<https://www.phoenixcontact.com/us/products/2404844>

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IP20-rated fanless industrial box PC (BPC) with energy-efficient Intel® Pentium® quad-core N4200 processor with 8 GB of RAM, M.2 mass storage, open mini PCIe slot, and optional wireless connectivity.



Commercial data

Item number	2404844
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR12
Product key	DRBABA
Catalog page	Page 475 (C-6-2019)
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	84715000
Country of origin	TW

Technical data

Notes

General	3.40
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Product properties

Product type	Box PC
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Computer data

Processor	Intel® Pentium® N4200 1.1/2.5 GHz
Operating system	Windows® 10 IoT Enterprise LTSC 2016 (64-bit), Multi-language
Cooling	passive
RAM	8 GB DDR3 SODIMM
Data storage system	M.2 SSD, 120 GB

Display

Display type	without display
Screen resolution	not relevant

System properties

User software	without user software
	Visu+

Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
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Real-time clock

Realtime clock	Yes (battery-backed)
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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

Width	162 mm
Height	147 mm
Depth	49 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Approvals

Conformity/Approvals

UL, USA / Canada	UL 61010-2-201
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Mounting

Mounting type	Wall mounting
	DIN rail mounting

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2404844>



EAC

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



UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705



EAC-RoHS

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



EAC

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



cUL Listed

Approval ID: FILE E 238705



UL Listed

Approval ID: FILE E 238705

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Classifications

ECLASS

ECLASS-11.0	19200102
ECLASS-12.0	19200102
ECLASS-13.0	19200102

ETIM

ETIM 8.0	EC001413
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UNSPSC

UNSPSC 21.0	43211500
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME) 110-71-4

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Accessories

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



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VL 2.0M DP CABLE - Connecting cable

2404774

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DisplayPort (DP) cable (2 m) for use with industrial computers



30 GB M.2 MLC SSD KIT - Memory

2404866

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30 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products



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60 GB M.2 MLC SSD KIT - Memory

2404867

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60 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products



120 GB M.2 MLC SSD KIT - Memory

2404868

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120 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products



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240 GB M.2 MLC SSD KIT - Memory

2404869

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240 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products

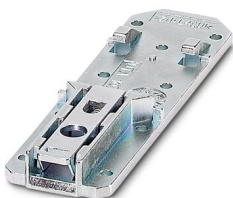


UTA 107/30 - Mounting adapter

2320089

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Universal DIN rail adapter



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VISU+ IPC UPGRADE - Visualization software

1310994

<https://www.phoenixcontact.com/us/products/1310994>



Visu+ IPC UPGRADE product is a made-to-order upgrade to the Visu+ HMI runtime that was originally ordered with your Phoenix Contact IPC system.

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