

# BL2 PPC 2000 - Panel PC



2404846

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IP65-rated, fanless industrial panel PC (PPC) with resistive touch screen, energy-efficient Intel® Pentium® quad-core processor N4200 with 8 GB of RAM, M.2 mass storage, open mini PCIe, and optional wireless connectivity.

## Commercial data

Item number	2404846
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR20
Product key	DRBABB
Weight per piece (including packing)	8,043 g
Weight per piece (excluding packing)	6,951 g
Customs tariff number	84714100
Country of origin	TW

## Technical data

### Product properties

Product type	Panel PC
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### Computer data

Processor	Intel® Pentium® N4200 1.1/2.5 GHz
Operating system	without operating system Windows® 10 IoT Enterprise LTSB 2016 (64-bit), Multi-language
RAM	8 GB DDR3 SODIMM
Data storage system	without data storage M.2 SSD, 128 GB
Cooling	passive
Optical drive	None

### Display

Display type	30.7 cm / 12.1"-TFT 38.1 cm / 15"-TFT 43 cm / 17"-TFT
Screen resolution	1280 x 1024 Pixel(s) (SXGA), 17"-TFT 1024 x 768 Pixel(s) (XGA), 12.1"- / 15"-TFT
Display formats	4:3
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	Dependent on configuration
MTBF	50000 h
Color spectrum	Dependent on configuration

### System properties

User software	without user software Visu+
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### 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
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	2x USB 3.0
Monitor output	2x DisplayPort
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I210-AT

## Dimensions

Note on dimensions	Dimensions listed in user manual
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	0 °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	Front mounting
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## Approvals

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**UL Listed**

Approval ID: E238705



**cUL Listed**

Approval ID: FILE E 238705

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## Classifications

### ECLASS

ECLASS-13.0

19200103

### ETIM

ETIM 9.0

EC001414

### UNSPSC

UNSPSC 21.0

43211500

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)(CAS: 110-71-4)
	Lead(CAS: 7439-92-1)

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