

# Industrial PC - BL BPC 2001 - 2701711

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



IP20-rated fanless industrial box PC (BPC) with energy-efficient Intel® Celeron® N2930 processor. Mass storage options include CFast™, HDD, and SSD formats.

Shown without optional BL BPC 2000 SATA Expansion tray.

## Product Description

The Basicline BPC 2000 is a configurable box PC that can be mounted either directly on a wall or on a DIN rail. The Basicline BPC 2000 utilizes Intel® quad-core Celeron® N2930 processor, chosen for its balance of processing power and energy efficiency. The small footprint, fanless design, and rich I/O capability make the Basicline BPC 2000 a product that can be used in a wide variety of applications. The three built-in COM ports enable connections to legacy RS-232 devices. One of the COM ports can also be configured for RS-422 or RS-485 protocols.


Drive tray is only included when originally configured with SSD or HDD mass storage options.

## Your advantages

- Custom configurable
- Embedded operating system support
- DIN rail- and wall-mounting options
- Three COM ports
- Fanless design
- 



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 953580
GTIN	4046356953580

## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
-------------------------	---

## Computer data

# Industrial PC - BL BPC 2001 - 2701711

## Technical data

### Computer data

Processor	Intel® Celeron® N2930 1.83 GHz/2.16 GHz
Cooling	passive
Operating systems	without operating system
RAM	2 GB DDR3 SODIMM
	4 GB DDR3 SODIMM
Mass storage	without mass storage
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	3x USB 2.0
	1x USB 3.0
Monitor output	2x DisplayPort
Slots	without slots
Optical drive	without drive
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

### General

Note	Drive tray is only included with SATA (SSD/HDD) drive options
Mounting type	Wall mounting
Weight	1.6 kg

### Ambient conditions

Degree of protection	IP20
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)
Vibration (operation)	DIN EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

### Dimensions

External dimension, width	162 mm
External dimension, height	146.2 mm
External dimension, depth	49 mm

### Device supply

Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 28.8 V DC
Power consumption	typical
Power supply unit	24 V DC ±20 %

### Standards and Regulations

# Industrial PC - BL BPC 2001 - 2701711

## Technical data

### Standards and Regulations

Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 4.0	27250315
eCl@ss 4.1	27250315
eCl@ss 5.0	27259205
eCl@ss 5.1	27242401
eCl@ss 6.0	27259205
eCl@ss 7.0	27242692
eCl@ss 8.0	19200101
eCl@ss 9.0	19200101

### ETIM

ETIM 4.0	EC001413
ETIM 5.0	EC001413
ETIM 6.0	EC001413

### UNSPSC

UNSPSC 13.2	43211508
-------------	----------

## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

### Approval details

# Industrial PC - BL BPC 2001 - 2701711

## Approvals

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
-----------	--	---	---------------

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
------------	--	---	---------------

cULus Listed			
--------------	--	--	--

## Accessories

### Accessories

#### Adapter cable

Adapter - DP TO VGA ADPTR - 2400173

DisplayPort to VGA video adapter



Adapter - DP TO DVI ADPTR - 2400174

DisplayPort to DVI-i video adapter



#### Assembly adapter

Assembly adapters - UTA 107/30 - 2320089



Universal DIN rail adapter

#### Buffer module

## Industrial PC - BL BPC 2001 - 2701711

### Accessories

Buffer module - PC-PWR-FLTR-1 - 2402832



The PC-PWR-FLTR-1 buffers incoming power until operating voltage is reached. For use with 24 V DC power sources with ascend times over 100 ms. 4 A max.

---

Buffer module - PC-PWR-FLTR-2 - 2402941



The PC-PWR-FLTR-2 buffers incoming power until operating voltage is reached. For use with 24 V DC power sources with ascend times over 100 ms 7 A max.

---

### Mounting material

Removable hard drive tray - BL BPC 2000 2.5" SATA BAY - 2403331



The BL BPC 2000 2.5" SATA BAY is for adding a HDD/SSD mass storage drive to the BL BPC 2000

---

### Storage medium

Memory - IPC 4 GB CFAST KIT - 2400168



4 GB CFast® card

---

Memory - IPC 8 GB CFAST KIT - 2400169



8 GB CFast® card

---

## Industrial PC - BL BPC 2001 - 2701711

### Accessories

Memory - IPC 16 GB CFAST KIT - 2400170



16 GB CFast® card

---

Memory - IPC 32 GB CFAST KIT - 2402978



32 GB CFast® card

---

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Embedded Box Computers](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[tBOX312-870-FL-i7-DC](#) [tBOX313-835-FL-RJ-DC](#) [UPOS-3150-R0W0E](#) [ARK-20-S8A1E](#) [R2224WTTYSR](#) [BXNUC9i5QNX](#)  
[BXNUC9i5QNX1](#) [BKNUC9V7QNX](#) [BKNUC9V7QNX1](#) [2-A0DF-2001](#) [EM3000-3845-8-128-WL-U-1](#) [TANK-870AI-i5/8G/2A-R10](#)  
[PRFE21000038](#) [EM5000-I3-8-128-WL-W7-1](#) [EM3000-3845-8-128-WL-W7-1](#) [PRFE21000039](#) [AMOS-825-1Q10A1](#) [UPS-EDAI-X70864-](#)  
[U01-DC01](#) [MXE-211/M8G](#) [PXIe-3985/M16G](#) [PXIe-3987/M16G/SSD](#) [ROScube-I, IntelR Core? i7, RQI-57](#) [AIMB-T1215DA-00Y0E](#) [AIMB-](#)  
[T1217DW-00Y0E](#) [AIMB-T12315A-00Y0E](#) [AMAX-5580-74000A](#) [AMAX-5580-54000A](#) [AMAX-5580-C3000A](#) [APAX-5580-474AE](#) [ARK-](#)  
[6322-Q0A2E](#) [DS-100GF-S8A1E](#) [DS-100GL-S8A1E](#) [EPC-R4680CQ-XAA1E](#) [ESRP-CSS-UNO2484](#) [ITA-1611-10A1E](#) [ITA-1711-10A1E](#)  
[MIC-710AI-00A1](#) [UNO-247-J1N1AE](#) [UTX-3115FS-S6A2E](#) [AMI220AF-4L-7500](#) [AMI220AF-4L-7700](#) [ELIT-1200](#) [AIE100-903-FL](#)  
[EBOX671-517-FL-DC](#) [MVS900-511-FL](#) [AMS200](#) [CSB200-898-IT](#) [SE-92-I7](#) [SI-606](#) [SI-60E](#)