

BL BPC 3001 - Box PC



2400080

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IP20-rated industrial box PC (BPC) with energy-efficient Intel® dual-core Celeron® processor equipped with Intel HD 4000 graphics and 4 GB RAM. Ready for installation of CF, HDD, or SSD mass storage device.

Product description

The Basicline 3000 PC is a configurable box PC that utilizes the Intel® Celeron® 1020E 2.2 GHz processor, chosen for its balance of processing power, graphics performance, and energy efficiency. The robust design and I/O capability make the Basicline 3000 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. The BL BPC 3000 is configurable with a variety of options. The BL BPC 3001 is pre-configured to accept your choice of operating system and mass storage device (CF card, SSD or HDD).

Your advantages

- IP20 degree of protection
- 3 COM ports
- Intel® HD Graphics 4000
- Powerful and efficient dual core Intel® Celeron® processor

Commercial data

Item number	2400080
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRBABA
GTIN	4046356952460
Weight per piece (including packing)	5,443 g
Weight per piece (excluding packing)	5,443 g
Customs tariff number	84714100
Country of origin	TW

Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Product type	Box PC
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Computer data

Processor	Intel® Celeron® 1020E 2.2 GHz
Operating system	without operating system
RAM	4 GB DDR3 SODIMM
Data storage system	without data storage
Cooling	active
Slots	without slots
Optical drive	without drive

Display

Display type	without display
Screen resolution	without
Touch technology	Without touch technology
Display lighting type	without

Electrical properties

Service life of battery	5 years (typical)
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Supply

Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 28.8 V DC
Power supply unit	230 V AC

Real-time clock

Realtime clock	Yes (battery-backed)
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Supply

Power consumption	typical
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Connection data

Connection method	COMBICON
Conductor cross-section, rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross-section, flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Interfaces

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Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	4x USB 2.0
Monitor output	1x VGA
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Realtek® 8111F PCI-E

Dimensions

Width	357 mm
Height	190 mm
Depth	87 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 45 °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

Mounting

Mounting type	Panel mounting
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Environmental product compliance

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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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