BL BPC 2000 - Box PC

2701712

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

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
- 3 COM ports
- Fanless design
- Two display ports

Commercial data

Item number	2701712
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)	2,226 g
Weight per piece (excluding packing)	1,876 g
Customs tariff number	84715000
Country of origin	TW

Technical data

Notes

Order information:	Drive tray is only included with SATA (SSD/HDD) drive options

Note on application

Note on application	Only for industrial use

Product properties

Product type	Box PC

Computer data

Processor	Intel® Celeron® N2930 1.83 GHz/2.16 GHz
Operating system	without operating system
	Windows® 7 Professional SP1 (64-bit), English
	Windows® 7 Professional SP1 (64-Bit), German
	Windows® 7 Ultimate SP1 (32-bit), Multi-language
	Windows® 7 Ultimate SP1 (64 bit), Multi-language
	Windows® 7 Professional SP1 (32-bit), English
	Windows® 7 Professional SP1 (32-bit), German
	Windows® Embedded Standard 7 SP1 (32-bit), Multi-language
	Windows® Embedded Standard 7 SP1 (64-bit), Multi-language
	Windows® 8.1 Professional (64-bit), German
	Windows® 8.1 Professional (64 Bit), English
RAM	4 GB DDR3 SODIMM
	8 GB DDR3 SODIMM
Data storage system	without data storage
	CFast®, 4 GB
	CFast® 60 GB
	CFast® 120 GB
	2,5" SSD (MLC), 60 GB
	2.5" SSD (MLC), 120 GB
	2.5" SSD (MLC), 240 GB
	2.5" SSD (MLC), 480 GB
	2.5" HDD SATA, 500 GB
	2,5" removable hard drive tray, empty
Cooling	passive
Slots	without slots
Extended functions	without extended function
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)

Supply

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

Real-time clock

Real-time clock	Yes (battery-backed)

Supply

Power consumption	typical

Connection data

Connection method	COMBICON
Conductor cross-section, rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Interfaces

Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	3x USB 2.0
	1x USB 3.0
Monitor output	2x DisplayPort
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Realtek® 8111F PCI-E

Dimensions

Width	162 mm
Height	146.2 mm
Depth	49 mm
Note on dimensions	Without SSD/HDD extension

External dimensions

Width / Height / Depth	162 mm / 146.2 mm / 49 mm (Without SSD/HDD extension)

Environmental and real-life conditions

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

Mounting

Mounting type	Panel mounting
	DIN rail mounting

Classifications

ECLASS

ECLASS-13.0	19200102

ETIM

ETIM 9.0	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-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.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead titanium zirconium oxide(CAS: 12626-81-2)
	Lead titanium trioxide(CAS: 12060-00-3)
	Lead(CAS: 7439-92-1)

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