

Panel PC - BL PPC15 3000 - 2701393

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IP65-rated, 15-inch industrial panel PC (PPC) with resistive touch screen. Energy-efficient Intel® Celeron® dual-core processor. Ready for installation of mass storage device.

Product Description


The BL PPC 3000 is a configurable panel 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 BL PPC 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. While the BL PPC 3000 is configurable, pre-configured units provide a basic, fixed configuration: the BL PPC15 3000 includes a 15-inch touch screen and the BL PPC17 3000 includes a 17-inch touch screen. Both models are equipped with 4 GB RAM and are ready for installation of a CF card, HDD or SSD.

Why buy this product

- ✓ Powerful and efficient dual core Intel® Celeron® processor
- ✓ IP65 degree of protection (front) IP20 degree of protection (back)
- ✓ Three COM ports

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 812887
GTIN	4046356812887

Technical data

Note

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

External dimension, width	410 mm
External dimension, height	309 mm
External dimension, depth	58 mm
Note regarding external dimension	Includes bezel
Installation dimension, width	386.6 mm

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Technical data

Dimensions

Installation dimension, height	285 mm
Note regarding installation dimension	Panel cutout

Display

Display	38.1 cm/15" TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Backlighting	CCFL
Display backlight MTBF	> 50000 h
Touch technology	analog resistive (polyester)

Computer data

Processor	Intel® Celeron® 1020E 2.2 GHz
Cooling	active
Operating systems	without operating system
RAM	4 GB DDR3 SODIMM
Mass storage	without mass storage
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	4x USB 2.0
	1x COM (RS-232/422/485)
	2x COM (RS-232)
Slots	without slots
Optical drive	without drive
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

General

Mounting type	Front installation
Weight	9.5 kg

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
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)
Vibration (operation)	DIN EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

Device supply

Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 28.8 V DC
Power consumption	45.3 W (typical)
Power supply unit	24 V DC ±20 %

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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 = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals


Approvals


UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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EAC		RU C- DE.A*08.B01708
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cULus Listed	
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