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

Notes

General	4,46 ... 4,51

Note on application

Note on application	Only for industrial use

Product properties

Product type	Panel PC

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+

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %

Real-time clock

Realtime clock	Yes (battery-backed)

Interfaces

Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	2x USB 2.0
	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

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

Mounting

Mounting type	Front mounting

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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