BL2 PPC7 1201-4/64-W10 - Panel PC

1274012

https://www.phoenixcontact.com/us/products/1274012

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IP65 panel PC (PPC) with 7-inch screen, Intel® Celeron® N3350 processor, 4 GB of RAM, 64 GB mSATA SSD, and Windows 10 IoT Enterprise LTSC 2019 operating system.

Commercial data

Item number	1274012
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBABB
GTIN	4063151465599
Weight per piece (including packing)	1,848 g
Weight per piece (excluding packing)	1,818 g
Customs tariff number	84714100
Country of origin	TW

Technical data

Product properties

Product type	Panel PC

Computer data

Processor	Intel® Celeron® N3350
Operating system	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	4 GB DDR3 SODIMM
Data storage system	64 GB M.2 SSD
Cooling	passive

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	1024 x 600 Pixel(s) (WVGA)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	300 cd/m², typical (adjustable)
MTBF	> 20000 h
Color spectrum	16.2 million colors
Reading angle bottom	10-point touch

System properties

User software	without user software

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %
Max. current consumption	1.07 A

Real-time clock

Realtime clock	Yes (battery-backed)

Connection data

Power supply

Connection method	Screw connection
Conductor cross section, rigid	0.14 mm² ... 1.5 mm²
Conductor cross section, flexible	0.14 mm² ... 1.5 mm²
Conductor cross section AWG	28 ... 16
Stripping length	7 mm

Interfaces

	1x COM (RS-232)

Interfaces	1x USB 2.0
	2x USB 3.0
	2x COM (RS-232/422/485)
Monitor output	1x HDMI
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I210-AT

Dimensions

External dimensions

Width / Height / Depth	196 mm / 134 mm / 48 mm

Installation dimensions

Width / Height / Installation depth	186 mm / 124 mm / (Panel cutout for 7" display)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	10 % ... 90 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 90 % (non-condensing)
Shock	20g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Mounting

Mounting type	Front mounting
	VESA holder (not for industrial use)
Holder system	VESA MIS-D 75
	VESA MIS-D 100 C

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1274012

EAC
Approval ID: RU C-DE.A*08.B01708

UL Listed
Approval ID: FILE E 238705

cUL Listed
Approval ID: FILE E 238705

EAC-RoHS
Approval ID: RU*-DE*HB.B.00386/20

cULus Listed

Classifications

ECLASS

ECLASS-11.0	19200103
ECLASS-12.0	19200103
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	6(c), 7(a), 7(c)-I

China RoHS

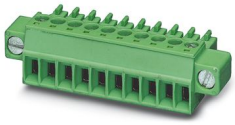
Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

Accessories

MC 1,5/ 2-STF-3,81 - PCB connector

1827703

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PCB connector, nominal cross section: 1.5 mm^2, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: MC 1,5/..-STF, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

FMC 1,5/ 2-STF-3,81 - PCB connectors

1748354

https://www.phoenixcontact.com/us/products/1748354



PCB connector, nominal cross section: 1.5 mm^2, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: FMC 1,5/..-STF, pitch: 3.81 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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