BL2 PPC 3100 - Panel PC

1105781

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IP66-rated, fanless industrial panel PC (PPC) with projected capacitive (PCAP) touch screen and energy-efficient Intel® Core™ i3-6100U processor with 8 GB of RAM and M.2 mass storage

Commercial data

Item number	1105781
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR12
Product key	DRBABB
Weight per piece (including packing)	8,030 g
Weight per piece (excluding packing)	9,999 g
Customs tariff number	84714100
Country of origin	TW

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Panel PC

Computer data

Processor	Intel® Core™ i3-6100U
Operating system	Windows® 7
	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	8 GB DDR3
Data storage system	M.2 SSD
Cooling	passive

Display

Display type	39.6 cm / 15.6"-TFT
	47 cm / 18.5"-TFT
	54.6 cm / 21.5"-TFT
Display formats	16:9
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	Dependent on configuration
MTBF	50000 h

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

Real-time 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	IP66 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 75 °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)	$2g_{rms}$ at sine, 5~500 Hz, 1 h/axis (panel mounting; SSD operating) according to EN 60068-2-6 $0.5g_{rms}$ at sine, 5~500 Hz, 1 h/axis (panel mounting; HDD operating) according to EN 60068-2-6

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	6(a), 6(a)-I, 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-Methyl-2-pyrrolidone (NMP)(CAS: 872-50-4)
	Lead(CAS: 7439-92-1)
	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one(CAS: 71868-10-5)

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com