

BL2 PPC 3100 - Panel PC



1105781

<https://www.phoenixcontact.com/us/products/1105781>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

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
------------	--

1105781

<https://www.phoenixcontact.com/us/products/1105781>

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
---------------	----------------

BL2 PPC 3100 - Panel PC



1105781

<https://www.phoenixcontact.com/us/products/1105781>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1105781>



IECEE CB Scheme

Approval ID: US-37343-M1-UL



UL Listed

Approval ID: E238705



cUL Listed

Approval ID: E238705

BL2 PPC 3100 - Panel PC



1105781

<https://www.phoenixcontact.com/us/products/1105781>

Classifications

ECLASS

ECLASS-13.0

19200103

ETIM

ETIM 9.0

EC001414

UNSPSC

UNSPSC 21.0

43211500

1105781

<https://www.phoenixcontact.com/us/products/1105781>

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)

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

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