

Panel PC - BL2 PPC15.6 2101



1099318

<https://www.phoenixcontact.com/pc/products/1099318>

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IP66-rated, fanless industrial panel PC (PPC) with a 15.6-inch projected capacitive (PCAP) touch screen and energy-efficient Intel® Pentium® N4200 quad-core processor with 4 GB of RAM and an open M.2 slot (mass storage and operating system not included)

Commercial Data

Item number	1099318
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	DRBABB
GTIN	4063151019754
Weight per Piece (including packing)	7,854 g
Weight per Piece (excluding packing)	6,180 g
Customs tariff number	84714100
Country of origin	TW

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Technical Data

Product properties

Product type	Panel PC
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Computer data

Processor	Intel® Pentium® N4200 1.1/2.5 GHz
Operating system	without operating system
Cooling	passive
RAM	4 GB DDR3
Data storage	Open M.2 SSD slot

Display

Display type	39.6 cm/15.6" TFT
Screen resolution	1366 x 768 Pixel(s) (WXGA)
Display formats	16:9
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
MTBF	50000 h

Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
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Real-time clock

Realtime clock	Yes (battery-backed)
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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

Software

User software	without user software
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Dimensions

External dimensions

Width / Height / Depth	417 mm / 312 mm / 82 mm
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Installation dimensions

Width / Height / Installation depth	401 mm / 296 mm /
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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} @ sine, 5~500 Hz, 1 h/axis (panel mounting; SSD operating) according to EN 60068-2-6 0.5g _{rms} @ sine, 5~500 Hz, 1 h/axis (panel mounting; HDD operating) according to EN 60068-2-6

Mounting

Mounting type	Panel PC for installation in the control cabinet (mounting plate)
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Approvals



EAC

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



EAC

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

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Classifications

ECLASS

ECLASS-9.0	19200103
ECLASS-10.0.1	19200103
ECLASS-11.0	19200103

ETIM

ETIM 8.0	EC001414
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UNSPSC

UNSPSC 21.0	43211500
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME) 110-71-4

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Accessories

Adapter

Adapter - DP TO VGA ADPTR - 2400173

<https://www.phoenixcontact.com/pc/products/2400173>

DisplayPort to VGA video adapter



Adapter

Adapter - DP TO DVI ADPTR - 2400174

<https://www.phoenixcontact.com/pc/products/2400174>

DisplayPort to DVI-i video adapter



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Memory

Memory - BL2 X100 32GB M.2 2242 MLC - 1185494

<https://www.phoenixcontact.com/pc/products/1185494>

32 GB M.2 SSD kit for BL2 x100 IPCs



Memory

Memory - BL2 X100 64GB M.2 2242 MLC - 1185499

<https://www.phoenixcontact.com/pc/products/1185499>

64 GB M.2 SSD kit for BL2 x100 IPCs



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1099318

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Memory

Memory - BL2 X100 128GB M.2 2242 MLC - 1185770

<https://www.phoenixcontact.com/pc/products/1185770>

128 GB M.2 SSD kit for BL2 x100 IPCs



Memory

Memory - BL2 X100 240GB 2.5 SSD MLC - 1185773

<https://www.phoenixcontact.com/pc/products/1185773>

240 GB 2.5 SSD kit for BL2 x100 IPCs



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1099318

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Memory

Memory - BL2 X100 480GB 2.5 SSD MLC - 1185762

<https://www.phoenixcontact.com/pc/products/1185762>

480 GB 2.5 SSD kit for BL2 x100 IPCs



Visualization software

Visualization software - VISU+ IPC UPGRADE - 1310994

<https://www.phoenixcontact.com/pc/products/1310994>



Visu+ IPC UPGRADE product is a made-to-order upgrade to the Visu+ HMI runtime that was originally ordered with your Phoenix Contact IPC system.

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