

Industrial PC - BL2 BPC 2000 - 2404844

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IP20-rated fanless industrial box PC (BPC) with energy-efficient Intel® Pentium® quad-core N4200 processor with 8 GB of RAM, M.2 mass storage, open mini PCIe slot, and optional wireless connectivity.



RoHS

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	1.000 g
Custom tariff number	84715000
Country of origin	Taiwan

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Display

Display type	without display
Screen resolution	, not relevant

Computer data

Processor	Intel® Pentium® N4200 1.10/2.50 GHz
Cooling	passive
Operating system	Windows® 10 IoT Enterprise LTSC 2016 (64-bit), Multi-language
RAM	8 GB DDR3 SODIMM
Mass storage	M.2 SSD, 120 GB
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	1x COM (RS-232/422/485)

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Technical data

Computer data

	2x COM (RS-232)
	2x USB 2.0
	2x USB 3.0
Monitor output	2x DisplayPort
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

General

Note	3.40
Mounting type	Wall mounting
	DIN rail mounting

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °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)
Vibration (operation)	DIN EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

Device supply

Power supply unit	24 V DC ±20 %
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Standards and Regulations

Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6
UL, USA/Canada	UL 61010-2-201

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Classifications

eCl@ss

eCl@ss 10.0.1	19200102
eCl@ss 11.0	19200102
eCl@ss 4.0	27250315
eCl@ss 4.1	27250315
eCl@ss 5.0	27259205

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Classifications

eCl@ss

eCl@ss 5.1	27242401
eCl@ss 6.0	19200100
eCl@ss 7.0	19200102
eCl@ss 9.0	19200102

ETIM

ETIM 4.0	EC001413
ETIM 6.0	EC001413
ETIM 7.0	EC001413

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC-RoHS / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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EAC-RoHS		RU*- DE*HB.B.00386/20
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EAC		RU C- DE.A*08.B01708
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Approvals

cULus Listed



Accessories

Accessories

Adapter cable

Adapter - DP TO VGA ADPTR - 2400173

DisplayPort to VGA video adapter



Adapter - DP TO DVI ADPTR - 2400174

DisplayPort to DVI-i video adapter



Assembly adapter

Assembly adapters - UTA 107/30 - 2320089



Universal DIN rail adapter

Data front plate

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Accessories

Data interface - SI-SES-U1A/0,6 - 1404514



Service socket with USB (socket/plug), type A with 0.6 m cable

Programming cable

Connecting cable - VL 2.0M DP CABLE - 2404774



DisplayPort (DP) cable (2 m) for use with industrial computers

Storage medium

Memory - 30 GB M.2 MLC SSD KIT - 2404866



30 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products

Memory - 60 GB M.2 MLC SSD KIT - 2404867



60 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products

Memory - 120 GB M.2 MLC SSD KIT - 2404868



120 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products

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Accessories

Memory - 240 GB M.2 MLC SSD KIT - 2404869



240 GB SATA III 60 mm M.2 SSD for industrial PPC and BPC products
