

Panel PC - BL2 PPC AIO65 7000 - 1138367

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Full IP65 industrial PC with Intel® Core™ i5-7442EQ processor and multi-touch capacitive full HD display. Designed for for VESA, pole, or arm mounting.

Product Description

The BL2 PPC AIO65 IPC is fully enclosed IP65 IPC with display that utilizes the Intel® processors chosen for their balance of processing power, graphic performance, and energy efficiency. The robust design with arm or pole mounting options and I/O capability make the BL2 PPC AIO65 a product that can be used in a wide variety of applications.

Your advantages

- Full IP 65
- Multi-touch touch screen
- Widescreen display
- Full IP 65
- Configurable
- Rugged housing for IP65 environments
- LED backlight
- VESA, pole, or arm mounting options
- Optional power button
- Configurable



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	10,020.000 g
Custom tariff number	84715000
Country of origin	Taiwan

Technical data

Note

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Technical data

Note

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

Screen resolution	1920 x 1080 Pixel(s) (Full HD)
Touch technology	Projective-capacitive (PCAP)
Backlighting	LED
Display backlight MTBF	> 50000 h
Colors	16.2 million colors

Computer data

Processor	Intel® Core™ i5-7442EQ processor 2.10/2.90 GHz
Operating system	without operating system
	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	8 GB DDR3 SODIMM
	16 GB DDR3 SODIMM
Mass storage	Configurable
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	1x COM (RS-232/422/485)
	2x USB 2.0
	2x USB 3.0
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

General

Note	Assembly instruction: Arm/pole mount [A24] option is required to use the stack light, pushbuttons, and pole mounting.
	Recommendation
Weight	4.6 kg (15.6 in. display)
	5.4 g (18.5 in. display)

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	0 °C ... 45 °C (with mSATA)
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)	1g with SSD, 0.5g with HDD, according to EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

Standards and Regulations

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Classifications

eCl@ss

eCl@ss 10.0.1	19200103
eCl@ss 11.0	19200103
eCl@ss 9.0	19200103

Accessories

Accessories

Housing

Housing - BL2 AIO65 9 PB BOX - 1160210



9 hole pushbutton box for use with BL2 AIO65 configurations with [A24] arm/pole mount option.

Mounting material

Adapter - BL2 AIO65 18.5 PB BOX BRACKET - 1160205



Bracket required to mount AIO65 pushbutton box to 18.5-inch system for use with BL2 AIO65 configurations with [A24] arm/pole mount option.

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Accessories

Mounting material - BL2 AIO65 15.6 PB BOX BRACKET - 1160212



Bracket required to mount AIO65 pushbutton box to 15.6-inch system for use with BL2 AIO65 configurations with [A24] arm/pole mount option.

Mounting material - BL2 AIO65 CS-3000 ADAPTER - 1201506



Bernstein CS-3000 mounting system adaptor for BL2 AIO65

Mounting material - BL2 AIO65 48MM ADAPTER - 1201505



48 mm pole mounting adapter for BL2 AIO65

Storage medium

Memory - BL2 240 GB MSATA (3D TLC) KIT - 1163243



240 GB mSATA mass storage kit

Memory - BL2 120 GB MSATA (3D TLC) KIT - 1163244



120 GB mSATA mass storage kit

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Accessories

Memory - BL2 960 GB MSATA (3D TLC) KIT - 1163269



960 GB mSATA mass storage kit

Memory - BL2 480 GB MSATA (3D TLC) KIT - 1163447



480 GB mSATA mass storage kit

Memory - BL2 60 GB MSATA (3D TLC) KIT - 1163689



60 GB mSATA mass storage kit

Accessories - BL2 AIO65 9 PB BOX FRONT KIT - 1160217



Mylar overlay for front of BL2 AIO65 9 PB BOX (Order No. 1160210)

Signal lamp - BL2 AIO65 STACKLIGHT COVER - 1163690



Signal lamp
