BL2 PPC AIO65 7000 - Panel PC

1138367

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CRA READY



Fully enclosed IP65 industrial PC with Intel® Core™ processors and multi-touch capacitive full HD display. Designed for VESA, pole, or arm mounting.

Product description

The BL2 PPC AIO65 IPC is fully enclosed IP65 IPC with display that utilizes the Intel® Core™ 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 IP65
- Multi-touch touch screen
- Widescreen display
- Rugged housing for IP65 environments
- LED backlight
- VESA, pole, or arm mounting options
- Optional power button
- Configurable

Commercial data

Item number	1138367
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR20
Product key	DRBABC
Weight per piece (including packing)	500 g
Weight per piece (excluding packing)	1,008 g
Customs tariff number	84714100

Country of origin	TW

Technical data

Notes

Assembly note	Arm/pole mount [A24] option is required to use the stack light, pushbuttons, and pole mounting.
Recommendation	Screen protectors for glare reduction or improved sunlight readability are available at https://www.nushield.com
Note on application	Only for industrial use
Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.
Note regarding documentation	Additional information can be found in the user manual.

Product properties

Product type	Panel PC
Special properties	The product is being prepared for compliance with the Cyber Resilience Act (CRA)
Weight	7.5 kg (15.6" display with VESA cover)
	10.6 kg (18.5" display with VESA cover)
	13.13 kg (21.5" Display with ARM cover)
	0 g (Weight varies by configuration - for additional detail see the user manual)

Computer data

Processor	Intel® Core™ i5-7442EQ, Number of cores: 4 x 2.1 GHz (2.90 GHz burst)
	Intel® Core™ i7-1265UE, Number of cores: 10 x 3.5 GHz (4.7 GHz burst)
Trusted Platform Module	fTPM 2.0 (Encryption Technology not Chinese)
Operating system	without operating system
	Windows® 11 IoT Enterprise LTSC 2024 X64
Data storage system	configurable
Audio	3.5 mm

Display

Display type	39.6 cm / 15.6"-TFT
	47 cm / 18.5"-TFT
	54.6 cm / 21.5"-TFT
Screen resolution	1920 x 1080 Pixel(s) (Full HD)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
MTBF	> 50000 h
Color spectrum	16.2 million colors

System properties

User software	without user software

	Visu+

Electrical properties

Service life of battery	5 years (typical)

Real-time clock

Real-time clock	Yes (battery-backed)

Connection data

Power supply

Connection method	COMBICON
Conductor cross-section, rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	20 ... 12

Interfaces

Interfaces	1x COM (RS-232/422/485)
	4x USB 3.1 Gen. 1
Network	2x Ethernet (10/100/1000 Mbps), RJ45

Material specifications

Color (Housing)	white aluminium (RAL 9006)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	0 °C ... 45 °C (with mSATA)
	0 °C ... 50 °C (with m.2 SSD)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	1g with SSD, 0.5g with HDD, according to EN 60068-2-6

Mounting

Mounting type	VESA holder
	Bernstein holder
Holder system	VESA MIS-D 100 C
	Bernstein CS-3000

Classifications

ECLASS

ECLASS-13.0	19200103
ECLASS-15.0	19200103

ETIM

ETIM 10.0	EC001414

UNSPSC

UNSPSC 21.0	43211500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 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.)	Lead(CAS: 7439-92-1)

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