

2401304

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Maritime-Panel PC, 30.7 cm / 12.1"-TFT display (analog resistive (polyester)), 1280 x 800 pixel(s) (WXGA), 262144 colors, Intel® Atom™ E680T 1.6 GHz, 4x USB Host 2.0, 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Standard 7, Visu+ Demo Runtime, without bus system.

## Commercial data

Item number	2401304
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBBC
GTIN	4055626107585
Weight per piece (including packing)	2,100 g
Weight per piece (excluding packing)	2,100 g
Country of origin	DE

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## Technical data

### Notes

#### Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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### Product properties

Product type	Panel PC
Application	Maritime

#### Computer data

Processor	Intel® Atom™ E680T 1.6 GHz
Operating system	Windows® Embedded Standard 7
RAM	2 GB DDR2 SDRAM
Data storage system	SATA DOM SSD (SLC), 16 GB
Cooling	passive
Slots	1x SD
Extras	Maritime without keys

#### Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	320 cd/m <sup>2</sup> typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	88.00 °
Reading angle right	88.00 °
Reading angle top	88.00 °
Reading angle bottom	88.00 °

### System properties

User software	Visu+ Demo Runtime
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### Electrical properties

Service life of battery	5 years (typical)
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#### Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.9 A

#### Real-time clock

Realtime clock	Yes
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## Interfaces

Interfaces	4x USB Host 2.0
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

## Dimensions

### External dimensions

Width / Height / Depth	330 mm / 225 mm / 5 mm (Dimensions of the front plate)
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### Installation dimensions

Width / Height / Installation depth	322 mm / 217 mm / 99 mm (Mounting cutout, depth with bus if bus system present in the device)
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## Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Altitude	3000 m
Permissible humidity (operation)	20 % ... 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	0.7g, in accordance with EN 60068-2-6

## Mounting

Mounting type	Front mounting
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-15
	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.)	No substance above 0.1 wt%
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