

2401306

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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, Movicon™ Demo Runtime, without bus system.

Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2401306       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | DRCBBC        |
| GTIN                                 | 4055626107561 |
| Weight per piece (including packing) | 2,100 g       |
| Weight per piece (excluding packing) | 2,100 g       |
| Country of origin                    | DE            |

## Technical data

### Notes

#### Utilization restriction

|          |   |
|----------|---|
| EMC note | EMC: class A product, see manufacturer's declaration in the download area |
|----------|---|

### 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), 8 GB     |
| Cooling             | passive                      |
| Slots               | 1x SD                        |
| Extras              | Maritime with 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/m² 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 | Movicon™ Demo Runtime |
|---------------|-----------------------|

### Electrical properties

|                         |                   |
|-------------------------|-------------------|
| Service life of battery | 5 years (typical) |
|-------------------------|-------------------|

#### Supply

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

#### Real-time clock

|                |     |
|----------------|-----|
| Realtime clock | Yes |
|----------------|-----|

## 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 | 336 mm / 252 mm / 5 mm (Dimensions of the front plate)<br>/ / 82 mm (without serial interface) |
|------------------------|--|

### Installation dimensions

|                                     |   |
|-------------------------------------|---|
| Width / Height / Installation depth | 310 mm / 226 mm / 100 mm (Mounting cutout, depth with serial interface) |
|-------------------------------------|---|

## Material specifications

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

## Environmental and real-life conditions

### Ambient conditions

|   |                                       |
|---|---------------------------------------|
| Degree of protection                    | IP65 (front), IP20 (back)<br>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 |
|---------------|----------------|

Environmental product compliance

|  |   |
|--|---|
| China RoHS                             |   |
| Environment friendly use period (EFUP) | <div>EFUP-15</div> <div>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.</div> |
| EU REACH SVHC                          |   |
| REACH candidate substance (CAS No.)    | No substance above 0.1 wt%  |

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