

# TPM121ZTM-10/800330005 S00074 - Panel PC



2401304

<https://www.phoenixcontact.com/us/products/2401304>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

## 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), 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/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	Visu+ 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	330 mm / 225 mm / 5 mm (Dimensions of the front plate)
------------------------	--

### Installation dimensions

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

## 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
---------------	----------------

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%

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)