

TPM121ZTM-12/800330904 S00087 - Touch panel



2401409

<https://www.phoenixcontact.com/us/products/2401409>

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-Touch panel, 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® CE 6.0, Visu+, without bus system.

Commercial data

Item number	2401409
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBBC
GTIN	4055626146454
Weight per piece (including packing)	3,522 g
Weight per piece (excluding packing)	2,300 g
Country of origin	Information on the country of origin is provided with the delivery.

Technical data

Product properties

Product type	Panel PC
Application	Maritime

Computer data

Processor	Intel® Atom™ E680T 1.6 GHz
Operating system	Windows® CE 6.0
RAM	2 GB DDR2 SDRAM
Data storage system	SATA DOM SSD (SLC), 8 GB
Slots	1x SD
Optional keys	without
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 ² 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+
---------------	-------

Electrical properties

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

Supply

Typical current consumption	0.9 A
-----------------------------	-------

Real-time clock

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

Supply

Power supply unit	24 V DC ±20 %
-------------------	---------------

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) / / 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) 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
---------------	----------------

TPM121ZTM-12/800330904 S00087 - Touch panel



2401409

<https://www.phoenixcontact.com/us/products/2401409>

Classifications

UNSPSC

UNSPSC 21.0	43211904
-------------	----------

2401409

<https://www.phoenixcontact.com/us/products/2401409>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I

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.)	Lead(CAS: 7439-92-1)
-------------------------------------	----------------------

Phoenix Contact 2026 © - 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