

Panel PC - TPM121ZTM-10/800330005 S00074 - 2401304

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Maritime-Panel PC with 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 and user software: Visu+ Demo Runtime. (bus system: without)



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 107585
GTIN	4055626107585

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Outer dimensions: width, height, depth	330 mm x 225 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	322 mm x 217 mm x 99 mm (Mounting cutout, depth with bus if bus system present in the device)

Display

Display type	30.7 cm/12.1" TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	analog resistive (polyester)
Brightness	320 cd/m² typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	262144 colors
Reading angle left	88 °
Reading angle right	88 °
Reading angle top	88 °

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Technical data

Display

Reading angle bottom	88 °
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Computer data

Processor	Intel® Atom® E680T 1.6 GHz
Cooling	passive
Operating system	Windows® Embedded Standard 7
User software	Visu+ Demo Runtime
RAM	2 GB DDR2 SDRAM
Mass storage	SATA DOM SSD (SLC), 16 GB
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	4x USB Host 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Extras	Maritime without keys
Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation
Weight	2100 g

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
Permissible humidity (operation)	20 % ... 85 %
Vibration (operation)	0.7g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

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

Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	0.7g, according to EN 60068-2-6

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
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Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Classifications

eCl@ss

eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242301
eCl@ss 8.0	27242301
eCl@ss 9.0	19200103

ETIM

ETIM 4.0	EC001414
ETIM 5.0	EC001414
ETIM 6.0	EC001414

UNSPSC

UNSPSC 13.2	43211509
UNSPSC 19.0	43211509

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