TPE070ZCW/800230024 S00112 - Panel PC

2401561

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Rugged-Panel PC with 17.8 cm / 7"-TFT display (projective-capacitive (PCAP)), 800 x 480 pixel(s) (WVGA), 262144 colors, Intel® Atom™ E680T 1.6 GHz, 4x USB Host 2.0, 1x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Standard 7 and user software: Open platform. (bus system: without)

Commercial data

Item number	2401561
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRBACK
GTIN	4055626278902
Country of origin	DE

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Technical data

Product properties

Product type	Panel PC
Application	Rugged

Computer data

Processor	Intel® Atom™ E680T 1.6 GHz
Operating system	Windows® Embedded Standard 7
RAM	2 GB DDR2
Data storage system	SATA DOM SSD (SLC), 8 GB
Slots	1x SD

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	60.00 °
Reading angle bottom	60.00 °

System properties

User software	Open platform

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.5 A

Real-time clock

Realtime clock	Yes

Interfaces

Interfaces	4x USB Host 2.0
Network	1x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without

Dimensions

External dimensions

Width / Height / Depth	234 mm / 174 mm / 6 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	200 mm / 140 mm / 82 mm (Mounting cutout, depth with bus if bus system present in the device)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Altitude	4000 m
Permissible humidity (operation)	20 % ... 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Mounting

Mounting type	Bolt fixing

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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%