TPE121ZGS/800930026 S00078 - Panel PC

2401258

https://www.phoenixcontact.com/us/products/2401258

Rugged-Panel PC, 30.7 cm / 12.1"-TFT display (Analog resistive (GFG)), 800 x 600 pixel(s) (SVGA), 262144 colors, Intel® Atom™ E680T 1.6 GHz, 4x USB Host 2.0, 1x COM (RS-232), 1x COM (RS-232/485), 1x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Standard 7, TSvisIT, DualCAN.

Commercial data

Item number	2401258
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRBACK
GTIN	4055626107820
Weight per piece (including packing)	2,750 g
Weight per piece (excluding packing)	2,750 g
Country of origin	DE

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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	Rugged

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), 32 GB
Slots	1x SD

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	360 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	65.00 °
Reading angle bottom	75.00 °

System properties

User software	TSvisIT

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %

Real-time clock

Realtime clock	Yes

Interfaces

	4x USB Host 2.0

Interfaces	1x COM (RS-232)
	1x COM (RS-232/485)
Network	1x Ethernet (10/100/1000 Mbps), RJ45
Bus system	DualCAN

Dimensions

External dimensions

Width / Height / Depth	359 mm / 280 mm / 5 mm (Dimensions of the front plate)

Installation dimensions

Width / Height / Installation depth	323 mm / 244 mm / 110 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)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

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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%