

TP090GTW/900330005 S00073 - Panel PC



2401529

<https://www.phoenixcontact.com/us/products/2401529>

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.



Panel PC, 22.9 cm / 9"-TFT display (analog resistive (polyester)), 800 x 480 pixel(s) (WVGA), 16.7 million colors, AMD® Embedded G-Series (T40E), 2x 1 GHz, 4x USB Host 2.0, 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Standard 7, Movicon™, without bus system.

Commercial data

Item number	2401529
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABC
GTIN	4055626244174
Country of origin	DE

Technical data

Product properties

Product type	Operator panel
--------------	----------------

Computer data

Processor	AMD® Embedded G-Series (T40E), 2x 1 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

Display

Display type	22.9 cm / 9"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	640 cd/m ² typical (adjustable)
MTBF	70000 h
Color spectrum	16.7 million colors
Reading angle left	85.00 °
Reading angle right	85.00 °
Reading angle top	85.00 °
Reading angle bottom	85.00 °

Interfaces

Interfaces	4x USB Host 2.0
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

System properties

User software	Movicon™
---------------	----------

Electrical properties

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

Supply

Power supply unit	24 V DC ±20 %
Max. current consumption	1.1 A

Real-time clock

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

Mounting

Mounting type	Front mounting
---------------	----------------

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 ... 50 °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)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	260 mm / 172 mm / 5 mm (Dimensions of the front plate)
------------------------	--

Installation dimensions

Width / Height / Installation depth	252 mm / 164 mm / 99 mm (Mounting cutout, depth with bus if bus system present in the device)
-------------------------------------	---

2401529

<https://www.phoenixcontact.com/us/products/2401529>

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%
-------------------------------------	----------------------------

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