

TPC101-M7

The whole aluminum alloy material, strong structure layout, no fan fully closed design, low power consumption, good scalability, practicability and EMC compatibility performance, designed for a variety of complex environment. It can support embedded, wall-mounted, cantilever and other installation modes, and is widely used in industrial control, military, communication, power and network automation fields.

Features

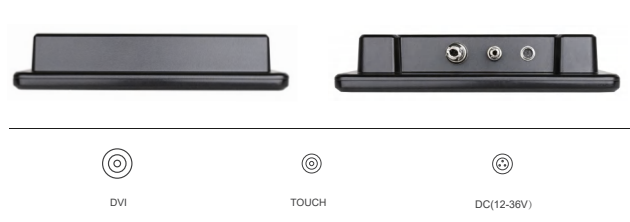
- Appearance independent die, front panel narrow frame design
- Strong structure design, anti-vibration, dust-proof, waterproof
- Independently developed high-performance display driver board,
- Industrial quality, support diversified customization
- Adapt to dust oil pollution, water mist, strong electromagnetic and high frequency vibration and other complex heavy industry environment



Product Model

Product Size	10.1"
Non-touch	TPC101-M700
Capacitive touch	TPC101-M710
Resistive touch	TPC101-M720

Product Interface



Product Specifications

Screen Parameters

LCD size	10.1" TFT LCD
Resolution	1280*800 (Aspect Ratio 16:10)
Viewing angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast ratio	1000:1

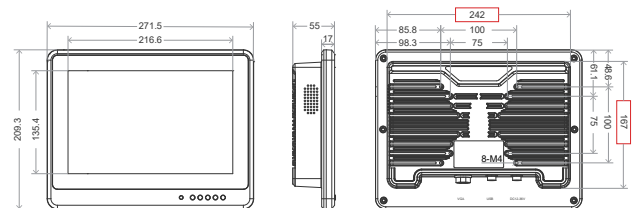
Touch Parameters

Touch type	10-point touch projection Capacitive touch screen	Single-point Resistance touch screen	Non-touch
Transmittance	≥88%	≥78%	≥92%
Input mode	Handwriting or Capacitance pen	Fingertip or stylus	/
Controller communication	USB	USB	/

Hardware Configuration

CPU	RTD2513	System language	Multilingual (default: English)
Key function	AUTO/MENU/POWER/LEFT/RIGHT	Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit

Product Size



Physical Characteristics

Overall dimensions	W271.5x H209.3x D55mm
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Interface Parameters

Power interface	1*waterproof airhead connector (GX12-3 pin), supports 12V~36V wide voltage power supply
TOUCH	1*waterproof airline head connector (GX12-15 pin)
DVI	1*waterproof airline head connector (GX12-4 pin)

Product Reliability Parameters

Working temperature	-10°C~60°C
Storage temperature	-20°C~70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V~36V
Static power	18W