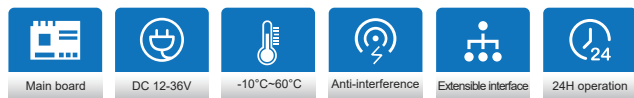


TPC101-M30

The unit features a 2.5mm low-profile narrow-bezel panel design, specifically engineered for cabinet-mounted equipment. It comes standard with a 10-point capacitive touchscreen and supports VGA, HDMI, and DP display input interfaces. With an IP65-rated flush front panel and aluminum alloy die-cast housing, it delivers comprehensive isolation, heat dissipation, and robust protection, ensuring reliable support for industrial production.

Features

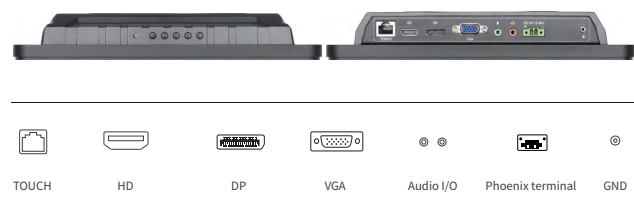
- Narrow-bezel panel, ideal for embedded cabinet mounting
- IP65 protection rating, supports wide-temperature & wide-voltage
- 2.5mm Ultra-Slim Narrow Bezel Panel, Designed for Cabinet Equipment
- Self-developed display driver board with multiple touch method options
- Industrial-grade protection, suitable for various harsh environments
- Supports VGA/HDMI/DP inputs with automatic signal channel identification



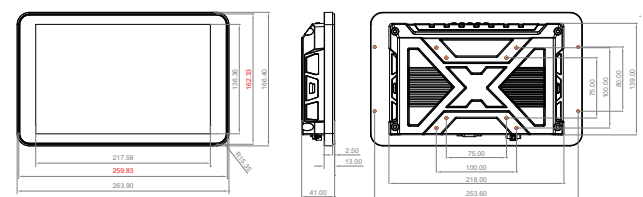
Model

| | |
|------------------|--------------|
| Product Size | 10.1" |
| Non-touch | TPC101-M3000 |
| Capacitive touch | TPC101-M3010 |
| Resistive touch | TPC101-M3020 |

I/O Interface



Dimension



Physical Characteristic

| | |
|--------------------|--|
| Overall dimensions | W263.9*H166.4*D41mm |
| Installation size | W260.83*H163.33mm |
| Material | Aluminum alloy |
| Color | Black, optional silve |
| Installation | Support Embedded installation with iron sheet/ Back-mounted Installation, etc. |

Interface Parameter

| | |
|-----------------|--|
| PowerSW | 1*PowerSW |
| Power interface | 1*12P Phoenix terminal (optional threaded DC 5.52.1mm connector) |
| HDMI | 1*HDMI, Support HDMI data input, With a maximum of 1080P |
| Touch interface | 1*TOUCH (USB protocol) with RJ45-to-USB touch cable (std.) |
| VGA | 1*VGA |
| DP | 1*DP |
| Audio interface | 1*Audio I/O, Support audio input and output |
| Grounding | 1*GND |

Reliability Parameter

| | |
|-----------------------|---|
| Operating temperature | -10°C~60°C (-20°C~70°C can be customized) |
| Storage temperature | -20°C~70°C |
| Relative humidity | 95% non-condensing |

Specification

Screen Parameter

| | |
|--------------------|-----------------------|
| Display type | 10.1" TFT LCD screen |
| MAX.resolution | 1280*800 (16:10) |
| Viewing angle(H/V) | 85/85/85/85 (L/R/U/D) |
| Luminance (cd/m²) | 400 cd/m² |
| Contrast ratio | 1000:1 |

Touch Parameter

| Touchscreen | Projection capacitive touch 10-point multi touch | Resistive touch single point | Non-touch |
|--------------------|--|------------------------------|-----------|
| Light transmission | ≥88% | ≥78% | ≥92% |
| Controller | USB (COM customized) | USB (COM customized) | / |

Power Parameter

| | |
|---------------|------------|
| Power input | DC 12V-36V |
| Power adapter | 24V/1.5A |

Hardware Configuration

| | | | |
|--------------|----------------------------|-----------------|--|
| CPU | RTD2513BR | 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 |