

# TPC173-M29

The whole machine is equipped with a self-developed industrial display driver board, the shell adopts a closed all-aluminum alloy structure, and the back cover is die-casting, which has high strength, toughness and high heat dissipation effect, light weight, high strength, corrosion resistance, heat conductivity, compression and impact resistance. It is widely used in industrial control and military industry. Communications, electric power, intelligent self-service terminal equipment and other automation applications.

## Features

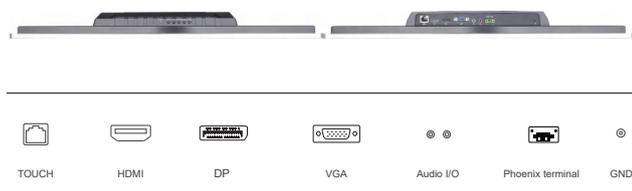
- UI is designed with a lightweight aluminum alloy shell
- High-precision die-cast aluminum molding, with high strength, toughness and high heat dissipation effect
- Self-developed display drive board with multiple touch modes
- Industrial protection, Applicable to various harsh environments.
- Support VGA, HDMI, DP, Automatic identification signal channel



## Model

|                  |              |
|------------------|--------------|
| Product size     | 17.3"        |
| Non-touch        | TPC173-M2900 |
| Capacitive touch | TPC173-M2910 |
| Resistive touch  | TPC173-M2920 |

## I/O Interface



## Specification

### Screen Parameter

|                                |                       |  |  |
|--------------------------------|-----------------------|--|--|
| Display type                   | 17.3" TFT LCD screen  |  |  |
| MAX_resolution                 | 1920*1080(16:9)       |  |  |
| Viewing angle(H/V)             | 80/80/60/80 (L/R/U/D) |  |  |
| Luminance (cd/m <sup>2</sup> ) | 400 cd/m <sup>2</sup> |  |  |
| Contrast ratio                 | 600:1                 |  |  |

### 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)        | /         |

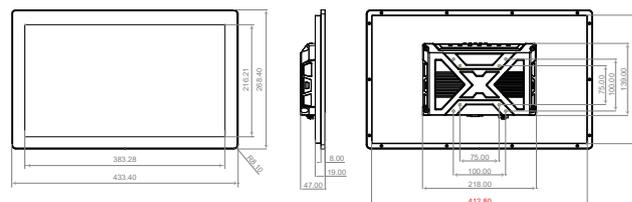
### Configuration

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

### Power Parameter

|             |            |
|-------------|------------|
| Power input | DC 12V-36V |
|-------------|------------|

## Dimension



### Physical Characteristic

|                    |  |
|--------------------|--|
| Overall dimensions | W433.4x H270.4x D47mm  |
| Installation size  | W414.8 x H249.8mm  |
| Material           | Aluminum alloy   |
| Color              | Black, optional silve  |
| Installation       | Supports Back mounted/Wall mounted/Desktop/Louver/Cantilever Boom type, etc. |

### Interface Parameter

|                 |   |
|-----------------|---|
| Power interface | 1*2Pin Phoenix terminal (Optional with thread DC 5.5*2.1)             |
| HDMI            | 1*HDMI, Support HDMI data input, With a maximum of 1080P              |
| Touch interface | 1*RJ45 port (USB defined) comes standard with RJ45 to USB touch cable |
| VGA             | 1*VGA, Analog signal transmission                                     |
| 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                        |