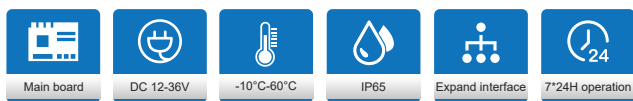


# TPC190-M401

The whole machine is made of aluminum alloy flat panel, with fanless and totally enclosed integrated design, supporting desktop, wall-mounted, cantilever, cantilever and other installation modes. The whole machine has low power consumption, good scalability, practicability and EMC compatibility, and is widely used in industrial control, military, power and network and other automation fields.

## Features

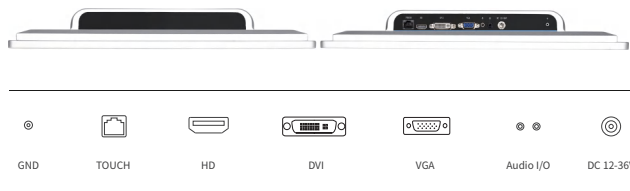
- Stylish and simple appearance, Independent mold opening
- High precision die-casting aluminum molding, Efficient heat dissipation
- Independent research and development of display drive board
- Industrial-grade quality, Stable system operation
- Support desktop, Wall-mounted and multiple installation methods



## Product Model

|                  |             |
|------------------|-------------|
| Product Size     | 19"         |
| Non-touch        | TPC190-M401 |
| Capacitive touch | TPC190-M411 |
| Resistive touch  | TPC190-M421 |

## Product Interface



## Product Specifications

### Screen Parameters

|                |                                |  |  |
|----------------|--------------------------------|--|--|
| LCD size       | 19" TFT LCD                    |  |  |
| Resolution     | 1280*1024 ( Aspect Ratio 5:4 ) |  |  |
| Viewing angle  | 85/85/80/80 (L/R/U/D)          |  |  |
| Colour         | 16.7M                          |  |  |
| Brightness     | 300 cd/m <sup>2</sup>          |  |  |
| Contrast ratio | 1000:1                         |  |  |

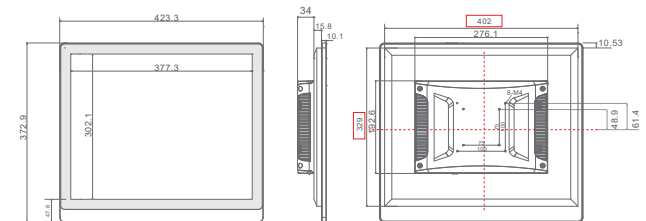
### Touch Parameters

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

### Hardware Configuration

|              |                            |
|--------------|----------------------------|
| CPU          | RTD2513                    |
| Key function | AUTO/MENU/POWER/LEFT/RIGHT |

## Product Size



### Physical Characteristics

|                    |                         |
|--------------------|-------------------------|
| Overall dimensions | W423.3x H372.9x D59.9mm |
| Size of opening    | W404x H331mm            |

### Interface Parameters

|                  |  |
|------------------|--|
| Grounding column | Support (1*GND)  |
| Power interface  | 1*DC2.1, Support 12V-36V wide voltage power supply       |
| HDMI             | 1*HDMI, Support HDMI data input, With a maximum of 1080P |
| Touch interface  | 1*TOUCH (RJ45)   |
| VGA              | 1*VGA, Analog signal transmission                        |
| DVI              | 1*DVI, Digital signal transmission                       |
| Audio interface  | 1*Audio I/O, Support audio input and output              |

### 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        |

|                 |  |
|-----------------|--|
| System language | Multilingual (default: English)                            |
| Video input     | PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit |