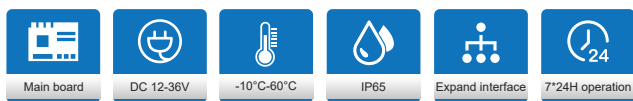


TPC185-M2

The overall structure is made of 3mm ultra-thin aluminum alloy frame, fanless and totally enclosed design, equipped with self-developed industrial display drive board, low power consumption, and widely used in industrial control, military industry, communication, power, network, intelligent self-service terminal equipment and other automation applications.

Features

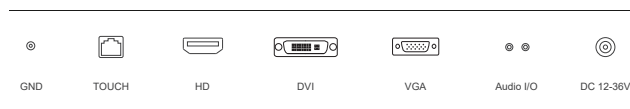
- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Pure flat panel IP65 dust-proof and waterproof.
- High precision aluminum alloy material.
- Self-developed display drive board with multiple touch modes
- Industrial protection, Applicable to various harsh environments.
- Support VGA, HDMI, DVI, Automatic identification signal channel



Product Model

| | |
|------------------|-------------|
| Product Size | 18.5" |
| Non-touch | TPC185-M200 |
| Capacitive touch | TPC185-M210 |
| Resistive touch | TPC185-M220 |

Product Interface



Product Specifications

Screen Parameters

| | |
|----------------|---------------------------------|
| LCD size | 18.5" TFT LCD |
| Resolution | 1920*1080 (Aspect Ratio 16:9) |
| Viewing angle | 85/85/80/80 (L/R/U/D) |
| Colour | 16.7M |
| Brightness | 300 cd/m ² |
| Contrast ratio | 1000:1 |

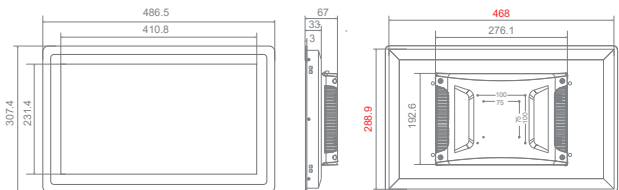
Touch Parameters

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

Product Size



Physical Characteristics

| | |
|--------------------|-----------------------|
| Overall dimensions | W486.5x H307.4x D67mm |
| Size of opening | W470x H290.9mm |

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 |