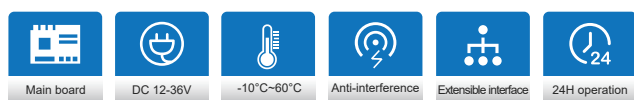


TPC185-M30

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	18.5"
Non-touch	TPC185-M3000
Capacitive touch	TPC185-M3010
Resistive touch	TPC185-M3020

I/O Interface



Specification

Screen Parameter

Display type	18.5" TFT LCD screen
MAX.resolution	1920*1080(16:9)
Viewing angle(H/V)	89/89/89/89 (L/R/U/D)
Luminance (cd/m²)	270 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)	/

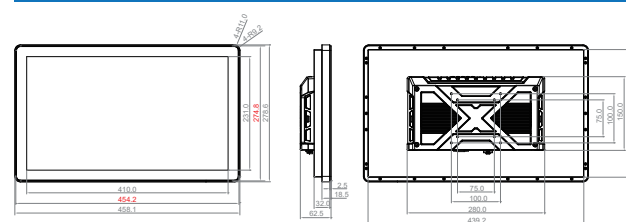
Power Parameter

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

Dimension



Physical Characteristic

Overall dimensions	W458.1*H278.6*D62.5mm
Installation size	W455.2*H275.8mm
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