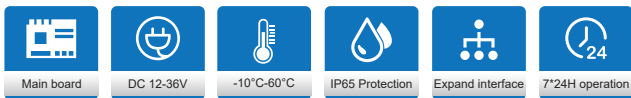# EIM116-WNT-G5

The whole aluminum alloy material, strong structure layout, no fan fully closed design, low power consumption, good scalability, practicability and EMC compatibility performance, designed for a variety of complex environment. It can support embedded, wall-mounted, cantilever and other installation modes, and is widely used in industrial control, military, communication, power and network automation fields.
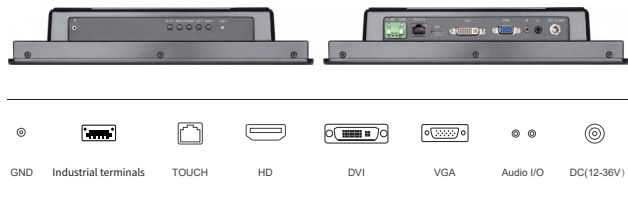
Features

- Appearance independent die, front panel narrow frame design
- Strong structure design, anti-vibration, dust-proof, waterproof
- Independently developed high-performance display driver board,
- Industrial quality, support diversified customization
- Adapt to dust oil pollution, water mist, strong electromagnetic and high frequency vibration and other complex heavy industry environment

Main board	DC 12-36V	-10°C-60°C	IP65 Protection	Expand interface	7*24H operation

ISO FC CE CCC RoHS

Product Model

Product Size	11.6"
Non-touch	EIM116-WNT-G5
Capacitive touch	EIM116-WCP-G5
Resistive touch	EIM116-WRS-G5

Product Interface

GND	Industrial terminals	TOUCH	HD	DVI	VGA	Audio I/O	DC(12-36V)

Product Specifications

Screen Parameters

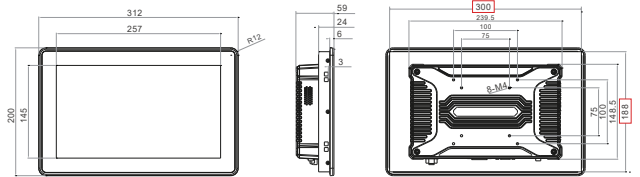| LCD size	11.6" TFT LCD
Resolution	1920*1080
Viewing angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

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	RTD2556
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size

Physical Characteristics

Overall dimensions	W312x H200x D59mm
Size of opening	W302x H190mm

Interface Parameters

Grounding column	Support (1*GND)
Power interface1	1*Industrial terminals, Support 12V-36V wide voltage power supply
Power interface2	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, and supports 1080P at most
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