



## IMD080-W200-I5

Engineered for the harshest environments, our panel PC boasts a robust aluminum alloy frame with an ultra-slim profile suitable for embedded installations. The fanless cooling system and IP65 rating protect against dust and water, ensuring reliable performance even in demanding industrial settings. Rugged in construction and equipped with diverse I/O ports, it's the go-to solution for operations that require durability and versatility.

### Features

- Ultra-slim frame optimized for embedded installations.
- Constructed from durable aluminum alloy for longevity.
- Fanless cooling system reduces potential failures.
- IP65 rating ensures protection against dust and water.
- Advanced architecture for efficient high-performance processing
- Built to withstand extreme temperatures, vibrations, and humidity.
- Rugged design with reinforced corners and scratch-resistant screen.
- Complies with global industrial safety standards.



### Product Model

Product Size	8"
Non-touch	IMD080-W200-I5
Capacitive touch	IMD080-W210-I5
Resistive touch	IMD080-W220-I5

### Product Interface



### Product Specifications

#### Screen Parameters

LCD Size	8" TFT LCD
Resolution	1024x768
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m <sup>2</sup>
Contrast ratio	800:1

#### Touch Screen

Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

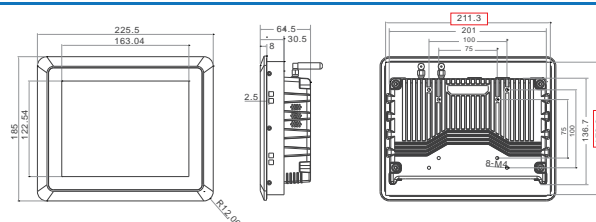
#### Hardware Configuration

CPU	I5-6200U	I5-7200U	I5-8265U	I5-10210U
CPU frequency	2.3GHz	2.5GHz	1.6GHz	1.6GHz
Integrated graphics	Intel HD Graphic 520	Intel HD Graphics 620	Intel Ultra HD Graphics 620	Intel UHD620 Graphics
RAM	4G DDR4(Optional 8G/16G/32G)	4G DDR4(Optional 8G/16G/32G)	4G DDR4(Optional 8G/16G/32G)	8G DDR4(Optional 16G/32G /64G)
Storage	128G SSD (Optional 256/512G)			
WiFi	2.4GHz / 5GHz dual bands			
Bluetooth	BT4.0(Optional)			
Operating system	Windows7/10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8			
Other support	Support RTC real-time clock and timing switch			

#### Power parameters

Input voltage	DC 12V-36V	Static power	18W
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### Product size



#### Physical Characteristics

Overall dimensions	W225.5x H185x D64.5mm
Size of opening	W213.3 x H172.8mm

#### Interface

DC	1*DC 2.5
HDMI	1*HDMI, Support HDMI data output, maximum support 1080P
USB	2*USB 2.0 2*USB 3.0
LAN	2*LAN,Dual 1000M adaptive Ethernet
AUDIO	1*Audio I/O,Support audio input and output
SMI card	Standard SIM card interface, supporting various standards (depending on 3G/4G module)
VGA	1*VGA
WIFI	2*WIFI
POWER	1*POWER
Industrial terminal	1*Industrial terminal

#### Product Reliability

Working Temperature	-10°C to 60°C
Storage temperature	-20°C to 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, duration 11ms
Authentication	CCC/CE/FCC/EMC/CB/ROHS
Waterproof	Front panel reaches IP65 protection level