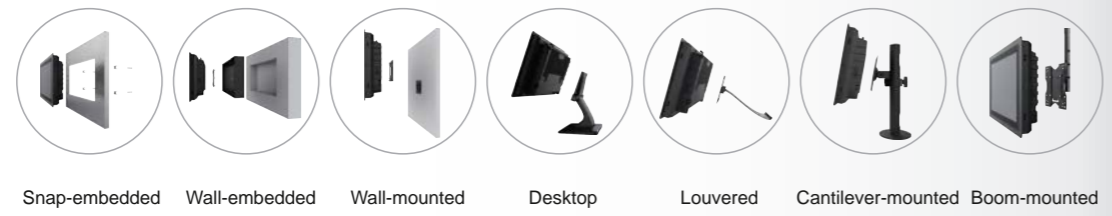## 2nd Gen i3 Series

Advanced Empowerment of Industrial Intelligent Control

Designed for Cabinet Embedded Applications

Embedded X86 All-in-One Panel PC

Snap-embedded   Wall-embedded   Wall-mounted   Desktop   Louvered   Cantilever-mounted   Boom-mounted

Embedded X86 All-in-One Panel P

| Intel i3 | Fanless cooling | High performance | IP65 waterproof | Rich excuses | 7*24H operation |

GND   Wifi   Wifi   Industrial terminals   Power   USB3.0*2   LAN   HD/SIM   VGA   Audio   COM1   COM2

DC 12-36V   USB2.0*2

(15" Model for reference. Please refer to the actual product)

Product Model »

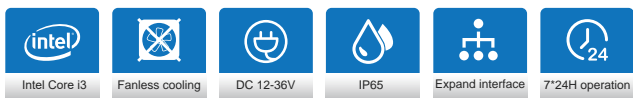| Product size	DATASHEET LINK	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Style
7"	IMD070-W200-I3	1024*600	16:9	300cd/m²	500:1	75/75/70/75 (L/R/U/D)	(7-8 inch small back cover)
8"	IMD080-W200-I3	1024*768	4:3	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	
10.1"	IMD101-W200-I3	1280*800	16:10	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
10.4"	IMD104-W200-I3	1024*768	4:3	400cd/m²	1000:1	80/80/80/80 (L/R/U/D)	
11.6"	IMD116-W200-I3	1920*1080	16:9	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
12"	IMD120-W200-I3	1024*768	4:3	500cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
12.1"	IMD121-W200-I3	1280*800	16:10	300cd/m²	1000:1	65/65/50/65 (L/R/U/D)	(10.1-13.3 inch middle back cover)
13.3"	IMD133-W200-I3	1920*1080	16:9	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
15"	IMD150-W200-I3	1024*768	4:3	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	
15.6"	IMD156-W200-I3	1920*1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	
17"	IMD170-W200-I3	1280*1024	5:4	300cd/m²	1000:1	80/80/80/70 (L/R/U/D)	
17.3"	IMD173-W200-I3	1920*1080	16:9	300cd/m²	600:1	80/80/60/80 (L/R/U/D)	
18.5"	IMD185-W200-I3	1920*1080	16:9	400cd/m²	1000:1	89/89/89/89 (L/R/U/D)	
19"	IMD190-W200-I3	1280*1024	5:4	300cd/m²	1000:1	85/85/80/80 (L/R/U/D)	
19.1"	IMD191-W200-I3	1440*900	16:10	300cd/m²	1000:1	80/80/80/80 (L/R/U/D)	(15-23.8 inch large back cover)
21.5"	IMD215-W200-I3	1920*1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	
23.8"	IMD238-W200-I3	1920*1080	16:9	250cd/m²	1000:1	89/89/89/89 (L/R/U/D)	

IMD070-W200-I3

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.

| Intel Core i3 | Fanless cooling | DC 12-36V | IP65 | Expand interface | 7*24H operation |

Product Model

Product Size	7"
Non-touch	IMD070-W200-I3
Capacitive touch	IMD070-W210-I3
Resistive touch	IMD070-W220-I3

Product Interface

Wifi GEN POWER DC USB-2.0 USB-3.0 LAN HDMI/SIM VGA Audio I/O COM

Product size

Physical Characteristics

Overall dimensions	W225.04x H160.7x D59mm
Size of opening	W212.84 x H148.5mm

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

Product Specifications

Screen Parameters

LCD Size	7" TFT LCD
Resolution	1024×600
Viewing Angle	75/75/70/75 (L/R/U/D))
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	500:1

Touch Screen

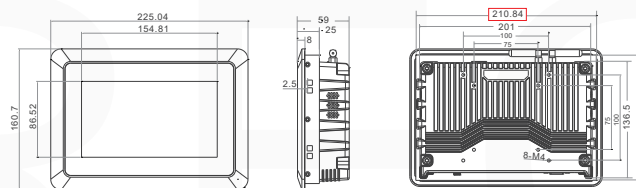|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

IMD080-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	8"
Non-touch	IMD080-W200-I3
Capacitive touch	IMD080-W210-I3
Resistive touch	IMD080-W220-I3

Product Interface

Wifi	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O	COM

Product Specifications

Screen Parameters

LCD Size	8" TFT LCD
Resolution	1024×768
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	800:1

Touch Screen

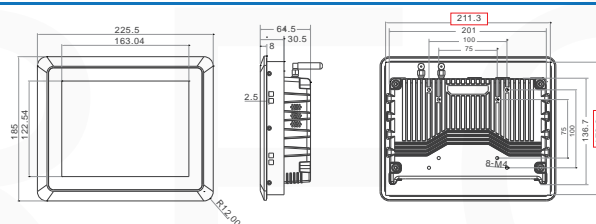|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

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

IMD101-W200-I3

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.

| Intel Core i3 | Fanless cooling | DC 12-36V | IP65 | Expand interface | 7*24H operation |

Product Model

Product Size	10.1"
Non-touch	IMD101-W200-I3
Capacitive touch	IMD101-W210-I3
Resistive touch	IMD101-W220-I3

Product Interface

Wifi | Industrial terminal | GEN | POWER | DC | USB-2.0 | USB-3.0 | LAN | HDMI/SIM | VGA | Audio I/O | COM

Product Specifications

Screen Parameters

LCD Size	10.1" TFT LCD
Resolution	1280×800
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Screen

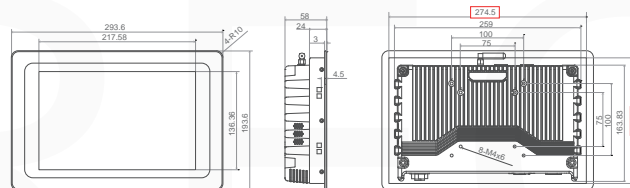|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Product size

Physical Characteristics

Overall dimensions	W293.6x H193.6x D58mm
Size of opening	W276.5x H176.5mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

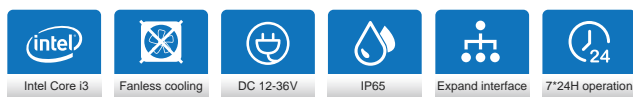* All specifications and photos are subject to change without notice.

IMD104-W200-I3

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.

Intel Core i3 | Fanless cooling | DC 12-36V | IP65 | Expand interface | 7*24H operation

Product Model

Product Size	10.4"
Non-touch	IMD104-W200-I3
Capacitive touch	IMD104-W210-I3
Resistive touch	IMD104-W220-I3

Product Interface

Wifi | Industrial terminal | GEN | POWER | DC | USB-2.0 | USB-3.0 | LAN | HDMI/SIM | VGA | Audio I/O | COM

Product Specifications

Screen Parameters

LCD Size	10.4" TFT LCD
Resolution	1024×768
Viewing Angle	80/80/80/80 (L/R/U/D)
Colour	16.7M
Brightness	400 cd/m²
Contrast ratio	1000:1

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	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Product size

Physical Characteristics

Overall dimensions	W288x H231x D59.5mm
Size of opening	W273 x H216mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

IMD116-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	11.6"
Non-touch	IMD116-W200-I3
Capacitive touch	IMD116-W210-I3
Resistive touch	IMD116-W220-I3

Product Interface

Wifi	Industrial terminal	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O	COM

Product size

Physical Characteristics

Overall dimensions	W323.7x H218.5x D57mm
Size of opening	W311.7 x H206.5mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

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	800:1

Touch Screen

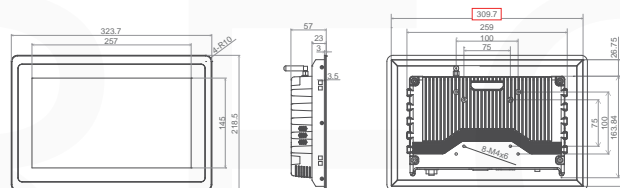|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Updated Oct. 9, 2022.   * All specifications and photos are subject to change without notice.   www.IndustrialMonitorDirect.com   © 2022 IndustrialMonitorDirect LLC All rights reserved.
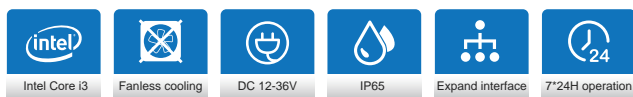
IMD120-W200-I3

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.

| Intel Core i3 | Fanless cooling | DC 12-36V | IP65 | Expand interface | 7*24H operation |

Product Model

Product Size	12"
Non-touch	IMD120-W200-I3
Capacitive touch	IMD120-W210-I3
Resistive touch	IMD120-W220-I3

Product Interface

Wifi Industrial terminal GEN POWER DC USB-2.0 USB-3.0 LAN HDMI/SIM VGA Audio I/O COM

Product Specifications

Screen Parameters

LCD Size	12" TFT LCD
Resolution	1024×768
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	500 cd/m²
Contrast ratio	1000:1

Touch Screen

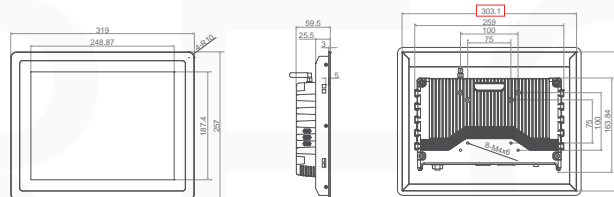|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Product size

Physical Characteristics

Overall dimensions	W319x H257x D59.5mm
Size of opening	W305.1 x H243.6mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
POWER	1*POWER
Industrial terminal	1*Industrial terminal

Product Reliability

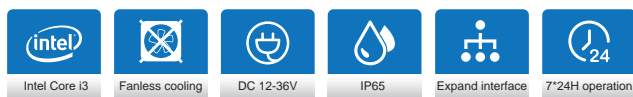|	
Working Temperature	-10°C to 60°C
Storage temperature	- 20°C to 70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Authentication	CCC/CE/FCC/EMC/CB/ROHS
Waterproof	Front panel reaches IP65 protection level

IMD121-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	12.1"	
Non-touch	IMD121-W200-I3	
Capacitive touch	IMD121-W210-I3	
Resistive touch	IMD121-W220-I3	

Product Interface

Wifi	Industrial terminal	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O	COM

Product size

Physical Characteristics

Overall dimensions	W330x H227.34x D57.5mm
Size of opening	W316.5 x H214.3mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

Product Specifications

Screen Parameters

LCD Size	12.1" TFT LCD
Resolution	1280*800
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	350:1

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	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

IMD133-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	13.3"
Non-touch	IMD133-W200-I3
Capacitive touch	IMD133-W210-I3
Resistive touch	IMD133-W220-I3

Product Interface

Wifi	Industrial terminal	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O COM

Product size

Physical Characteristics

Overall dimensions	W373.62x H245.17x D58.5mm
Size of opening	W357.4 x H229mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

Product Specifications

Screen Parameters

LCD Size	13.3" TFT LCD
Resolution	1920×1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	220 cd/m²
Contrast ratio	1000:1

Touch Screen

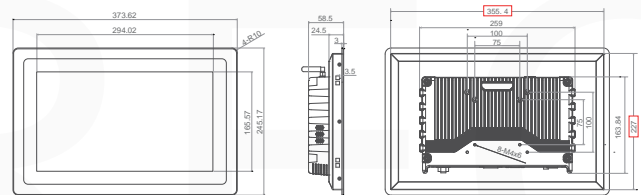|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

IMD156-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	15"
Non-touch	IMD156-W200-I3
Capacitive touch	IMD156-W210-I3
Resistive touch	IMD156-W220-I3

Product Interface

Wifi	Industrial terminal	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O	COM

Product size

Physical Characteristics

Overall dimensions	W379x H298.5x D65mm
Size of opening	W363 x H283mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

Product Specifications

Screen Parameters

LCD Size	15" TFT LCD
Resolution	1024×768
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

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	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

IMD156-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	15.6"
Non-touch	IMD156-W200-I3
Capacitive touch	IMD156-W210-I3
Resistive touch	IMD156-W220-I3

Product Interface

Wifi | Industrial terminal | GEN | POWER | DC | USB-2.0 | USB-3.0 | LAN | HDMI/SIM | VGA | Audio I/O | COM

Product size

Physical Characteristics

Overall dimensions	W420x H269x D70mm
Size of opening	W403 x H252mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

Product Specifications

Screen Parameters

LCD Size	15.6" TFT LCD
Resolution	1920×1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	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	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

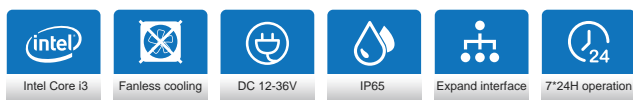| Input voltage	DC 12V~36V	Static Power	18W

IMD170-W200-I3

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.

| Intel Core i3 | Fanless cooling | DC 12-36V | IP65 | Expand interface | 7*24H operation |

Product Model

Product Size	17"
Non-touch	IMD170-W200-I3
Capacitive touch	IMD170-W210-I3
Resistive touch	IMD170-W220-I3

Product Interface

| Wifi | Industrial terminal | GEN | POWER | DC | USB-2.0 | USB-3.0 | LAN | HDMI/SIM | VGA | Audio I/O | COM |

Product Specifications

Screen Parameters

LCD Size	17" TFT LCD
Resolution	1280×1024
Viewing Angle	85/85/80/70 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Screen

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

Product size

Physical Characteristics

Overall dimensions	W414x H345x D63mm
Size of opening	W397.6 x H328.6mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

IMD173-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	17.3"	
Non-touch	IMD173-W200-I3	
Capacitive touch	IMD173-W210-I3	
Resistive touch	IMD173-W220-I3	

Product Interface

Wifi	Industrial terminal	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O	COM

Product Specifications

Screen Parameters

LCD Size	17.3" TFT LCD
Resolution	1920×1080
Viewing Angle	80/80/60/80 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	600:1

Touch Screen

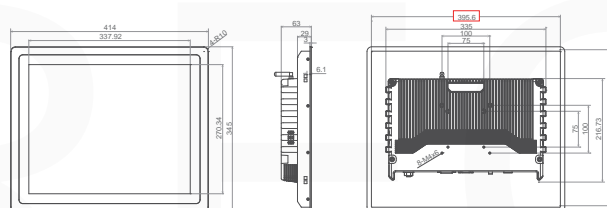|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Product size

Physical Characteristics

Overall dimensions	W458x H291x D67mm
Size of opening	W441 x H274mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

IMD185!K &$$-I3

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Features

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Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	18.5"
Non-touch	IMD185-W200-I3
Capacitive touch	IMD185-W210-I3
Resistive touch	IMD185-W220-I3

Product size

Physical Characteristics

Overall dimensions	Wx Hx Dmm
Size of opening	Wx Hmm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
POWER	1*POWER
Industrial terminal	1*Industrial terminal

Product Interface

Wifi	Industrial terminal	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O	COM

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

Product Specifications

Screen Parameters

LCD Size	18.5" TFT LCD
Resolution	1920×1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	400 cd/m²
Contrast ratio	1000:1

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	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

![Industrial Monitor Direct logo]

IMD190-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	19"
Non-touch	IMD190-W200-I3
Capacitive touch	IMD190-W210-I3
Resistive touch	IMD190-W220-I3

Product Interface

Wifi	Industrial terminal	GEN	POWER	DC	USB-2.0	USB-3.0	LAN	HDMI/SIM	VGA	Audio I/O	COM

Product Specifications

Screen Parameters

LCD Size	19" TFT LCD
Resolution	1280×1024
Viewing Angle	85/85/80/80(L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Screen

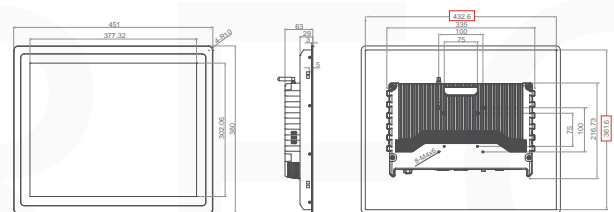|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Product size

Physical Characteristics

Overall dimensions	W451 x H380 x D63mm
Size of opening	W434.6 x H363.6mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

IMD191-W200-I3

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.

| Intel Core i3 | Fanless cooling | DC 12-36V | IP65 | Expand interface | 7*24H operation |

Product Model

Product Size	19.1"
Non-touch	IMD191-W200-I3
Capacitive touch	IMD191-W210-I3
Resistive touch	IMD191-W220-I3

Product Interface

Wifi Industrial terminal GEN POWER DC USB-2.0 USB-3.0 LAN HDMI/SIM VGA Audio I/O COM

Product Specifications

Screen Parameters

LCD Size	19.1" TFT LCD
Resolution	1440×900
Viewing Angle	80/80/80/80 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Screen

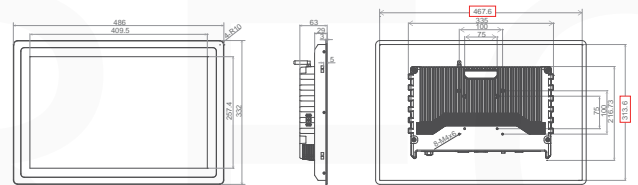|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Product size

Physical Characteristics

Overall dimensions	W486 x H332x D63mm
Size of opening	W469.6 x H315.6mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
POWER	1*POWER
Industrial terminal	1*Industrial terminal

Product Reliability

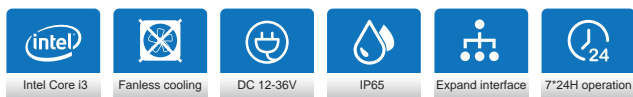|	
Working Temperature	-10°C to 60°C
Storage temperature	- 20°C to 70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Authentication	CCC/CE/FCC/EMC/CB/ROHS
Waterproof	Front panel reaches IP65 protection level

IMD215-W200-I3

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.

Intel Core i3	Fanless cooling	DC 12-36V	IP65	Expand interface	7*24H operation

Product Model

Product Size	21.5"
Non-touch	IMD215-W200-I3
Capacitive touch	IMD215-W210-I3
Resistive touch	IMD215-W220-I3

Product Interface

Wifi | Industrial terminal | GEN | POWER | DC | USB-2.0 | USB-3.0 | LAN | HDMI/SIM | VGA | Audio I/O | COM

Product Specifications

Screen Parameters

LCD Size	21.5" TFT LCD
Resolution	1920*1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Screen

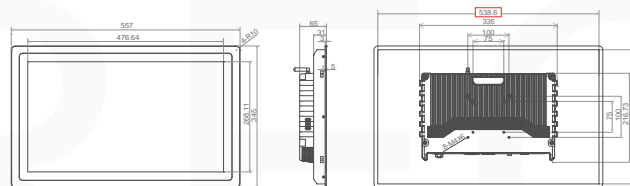|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Product size

Physical Characteristics

Overall dimensions	W557 x H345 x D65mm
Size of opening	W540.6 x H328.6mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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

IMD238-W200-I3

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.

| Intel Core i3 | Fanless cooling | DC 12-36V | IP65 | Expand interface | 7*24H operation |

Product Model

Product Size	23.8"
Non-touch	IMD238-W200-I3
Capacitive touch	IMD238-W210-I3
Resistive touch	IMD238-W220-I3

Product Interface

Wifi | Industrial terminal | GEN | POWER | DC | USB-2.0 | USB-3.0 | LAN | HDMI/SIM | VGA | Audio I/O | COM

Product Specifications

Screen Parameters

LCD Size	23.8" TFT LCD
Resolution	1920*1080
Viewing Angle	89/89/89/89 (L/R/U/D)
Colour	16.7M
Brightness	250 cd/m²
Contrast ratio	1000:1

Touch Screen

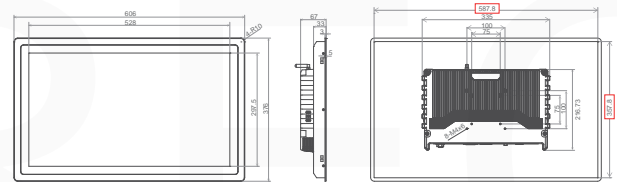|	
Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	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

Product size

Physical Characteristics

Overall dimensions	W606 x H376 x D67mm
Size of opening	W589.8 x H359.8mm

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
RS232	2*RS232(Optional RS485,RS422,GPIO)
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