Celeron J4125 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

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Industrial Monitor
Direct

Embedded X86 All-in-One Panel P

(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-J4	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-J4	1024*768	4:3	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	
10.1"	IMD101-W200-J4	1280*800	16:10	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	(10.1-13.3 inch middle back cover)
10.4"	IMD104-W200-J4	1024*768	4:3	400cd/m²	1000:1	80/80/80/80 (L/R/U/D)	
11.6"	IMD116-W200-J4	1920*1080	16:9	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
12"	IMD120-W200-J4	1024*768	4:3	500cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
12.1"	IMD121-W200-J4	1280*800	16:10	300cd/m²	1000:1	65/65/50/65 (L/R/U/D)	
13.3"	IMD133-W200-J4	1920*1080	16:9	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	
15"	IMD150-W200-J4	1024*768	4:3	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	(15-23.8 inch large back cover)
15.6"	IMD156-W200-J4	1920*1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	
17"	IMD170-W200-J4	1280*1024	5:4	300cd/m²	1000:1	80/80/80/70 (L/R/U/D)	
17.3"	IMD173-W200-J4	1920*1080	16:9	300cd/m²	600:1	80/80/60/80 (L/R/U/D)	
18.5"	IMD185-W200-J4	1920*1080	16:9	400cd/m²	1000:1	89/89/89/89 (L/R/U/D)	
19.0"	IMD190-W200-J4	1280*1024	5:4	300cd/m²	1000:1	85/85/80/80 (L/R/U/D)	
19.1"	IMD191-W200-J4	1440*900	16:10	300cd/m²	1000:1	80/80/80/80 (L/R/U/D)	
21.5"	IMD215-W200-J4	1920*1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	
23.8"	IMD238-W200-J4	1920*1080	16:9	250cd/m²	1000:1	89/89/89/89 (L/R/U/D)	

Updated on November 24, 2022 * All specifications and photos are subject to change without notice. www.IndustrialMonitorDirect.com
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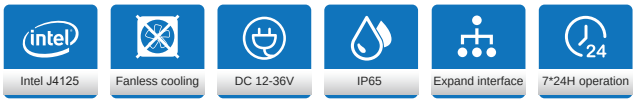
IMD070-W200-J4

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	7"
Non-touch	IMD070-W200-J4
Capacitive touch	IMD070-W210-J4
Resistive touch	IMD070-W220-J4

Product Interface

Product Specifications

Screen Parameters

LCD size	7" TFT LCD
Resolution	1024×600
Viewing angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

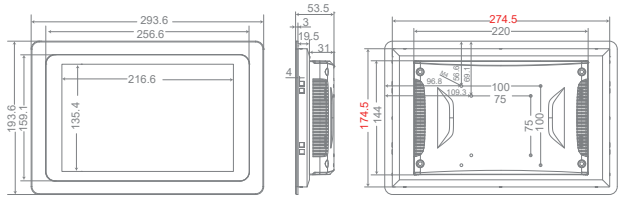
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)
Memory	4G DDR4 2400MHz (Optional 8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4

Product Size



Physical Characteristics

Overall dimensions	W293.6x H193.6x D53.5mm
Size of opening	W276.5 x H176.5mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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
Broad pressure	With wide voltage (12V~36V)
WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0 (Optional)
Other support	RTC real-time clock and timing switch

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IMD080-W200-J4

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-J4
Capacitive touch	IMD080-W210-J4
Resistive touch	IMD080-W220-J4

Product Interface

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	1000:1

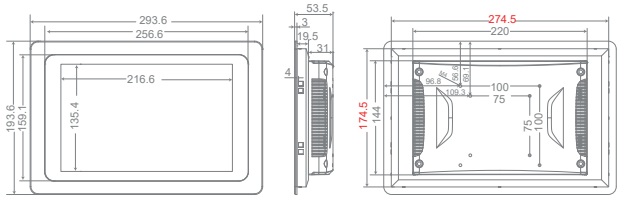
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)
Memory	4G DDR4 2400MHz (Optional 8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4

Product Size



Physical Characteristics

Overall dimensions	W293.6x H193.6x D53.5mm
Size of opening	W276.5 x H176.5mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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
Broad pressure	With wide voltage (12V~36V)
WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0 (Optional)
Other support	RTC real-time clock and timing switch

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IMD101-W200-J4

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	10.1"
Non-touch	IMD101-W200-J4
Capacitive touch	IMD101-W210-J4
Resistive touch	IMD101-W220-J4

Product Interface

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

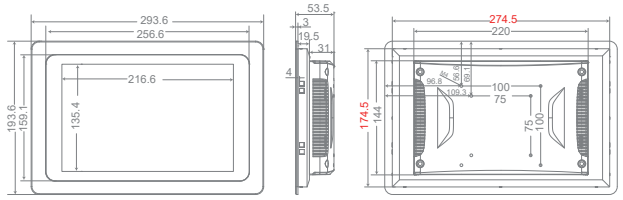
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W293.6x H193.6x D53.5mm
Size of opening	W276.5 x H176.5mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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IMD104-W200-J4

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	10.4"
Non-touch	IMD104-W200-J4
Capacitive touch	IMD104-W210-J4
Resistive touch	IMD104-W220-J4

Product Interface

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

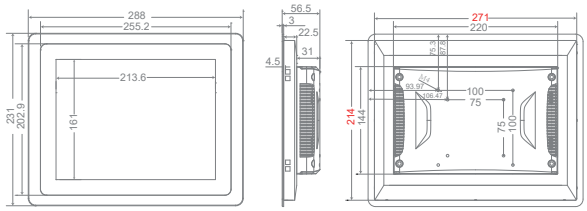
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)
Memory	4G DDR4 2400MHz (Optional 8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4

Product Size



Physical Characteristics

Overall dimensions	W288x H231x D56.5mm
Size of opening	W273 x H216mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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
Broad pressure	With wide voltage (12V~36V)
WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0 (Optional)
Other support	RTC real-time clock and timing switch

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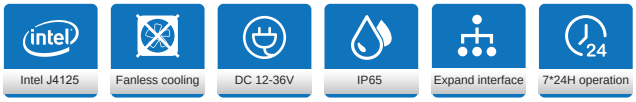
IMD116-W200-J4

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	11.6"
Non-touch	IMD116-W200-J4
Capacitive touch	IMD116-W210-J4
Resistive touch	IMD116-W220-J4

Product Interface

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

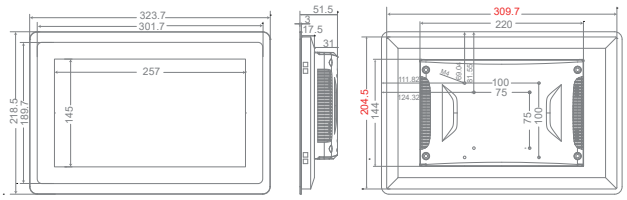
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)
Memory	4G DDR4 2400MHz (Optional 8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4

Product Size



Physical Characteristics

Overall dimensions	W323.7x H218.5x D51.5mm
Size of opening	W311.7 x H206.5mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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
Broad pressure	With wide voltage (12V~36V)
WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0 (Optional)
Other support	RTC real-time clock and timing switch

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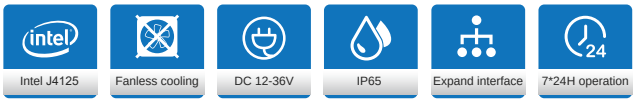
IMD120-W200-J4

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	12"
Non-touch	IMD120-W200-J4
Capacitive touch	IMD120-W210-J4
Resistive touch	IMD120-W220-J4

Product Interface

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

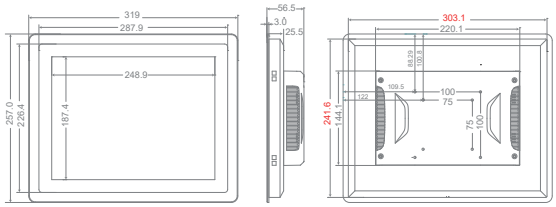
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)
Memory	4G DDR4 2400MHz (Optional 8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4

Product Size



Physical Characteristics

Overall dimensions	W319x H257x D56.5mm
Size of opening	W305.1 x H243.6mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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
Broad pressure	With wide voltage (12V~36V)
WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0 (Optional)
Other support	RTC real-time clock and timing switch

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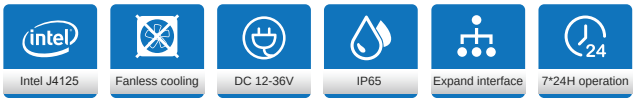
IMD121-W200-J4

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	12.1"
Non-touch	IMD121-W200-J4
Capacitive touch	IMD121-W210-J4
Resistive touch	IMD121-W220-J4

Product Interface

Product Specifications

Screen Parameters

LCD size	12.1" TFT LCD
Resolution	1280*800
Viewing angle	65/65/50/65 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	350:1

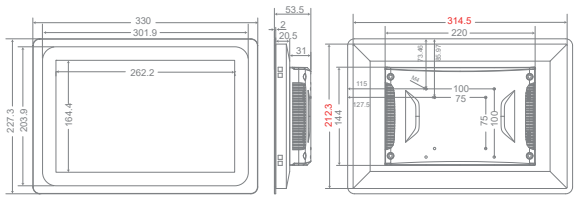
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W330x H227.3x D53.5mm
Size of opening	W316.5 x H214.3mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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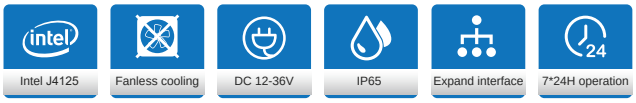
IMD133-W200-J4

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	13.3"
Non-touch	IMD133-W200-J4
Capacitive touch	IMD133-W210-J4
Resistive touch	IMD133-W220-J4

Product Interface

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

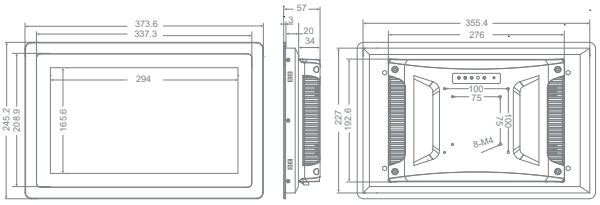
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)
Memory	4G DDR4 2400MHz (Optional 8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4

Product Size



Physical Characteristics

Overall dimensions	W373.6x H245.2x D57mm
Size of opening	W357.4 x H229mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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
Broad pressure	With wide voltage (12V~36V)
WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0 (Optional)
Other support	RTC real-time clock and timing switch

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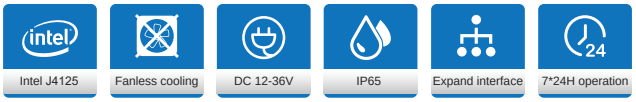
IMD150-W200-J4

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	15"
Non-touch	IMD150-W200-J4
Capacitive touch	IMD150-W210-J4
Resistive touch	IMD150-W220-J4

Product Interface

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

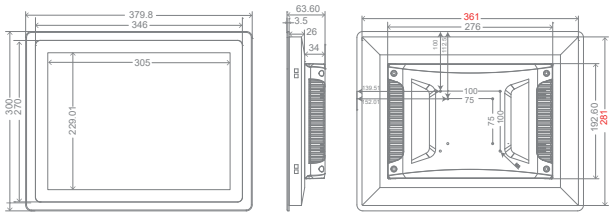
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W379.8X H300X D63.6MM
Size of opening	W363 X H283MM

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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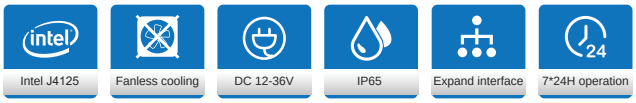
IMD156-W200-J4

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	15.6"
Non-touch	IMD156-W200-J4
Capacitive touch	IMD156-W210-J4
Resistive touch	IMD156-W220-J4

Product Interface

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

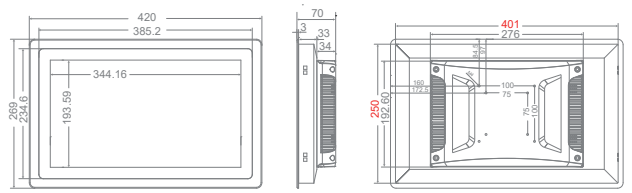
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)
Memory	4G DDR4 2400MHz (Optional 8G)
Storage	64G SSD (Optional：128/256/512G)
Integrated graphics	Intel UHD Graphics 600
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4

Product Size



Physical Characteristics

Overall dimensions	W420X H269X D70MM
Size of opening	W403 X H252MM

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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
Broad pressure	With wide voltage (12V~36V)
WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Bluetooth	BT4.0 (Optional)
Other support	RTC real-time clock and timing switch

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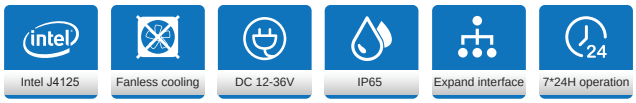
IMD170-W200-J4

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	17"
Non-touch	IMD170-W200-J4
Capacitive touch	IMD170-W210-J4
Resistive touch	IMD170-W220-J4

Product Interface

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

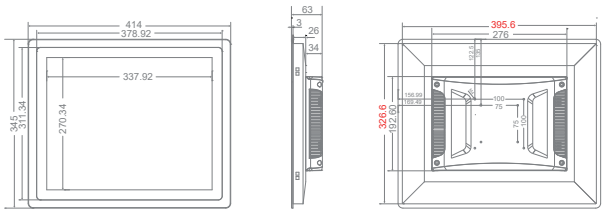
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

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

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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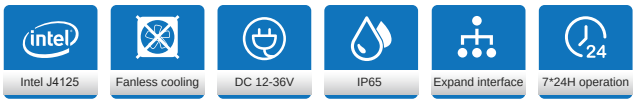
IMD173-W200-J4

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	17.3"
Non-touch	IMD173-W200-J4
Capacitive touch	IMD173-W210-J4
Resistive touch	IMD173-W220-J4

Product Interface

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

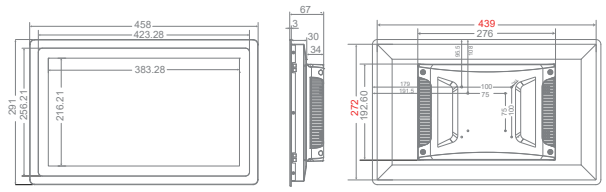
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W458x H291x D67mm
Size of opening	W441x H274mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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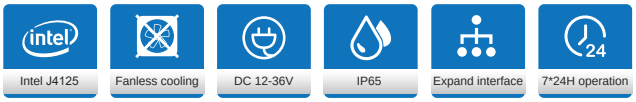
IMD185-W200-J4

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	18.5"
Non-touch	IMD185-W200-J4
Capacitive touch	IMD185-W210-J4
Resistive touch	IMD185-W220-J4

Product Interface

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

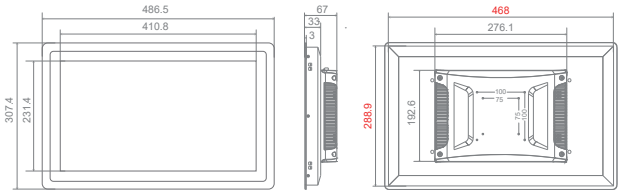
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

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

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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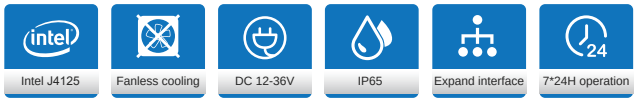
IMD190-W200-J4

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	19"
Non-touch	IMD190-W200-J4
Capacitive touch	IMD190-W210-J4
Resistive touch	IMD190-W220-J4

Product Interface

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

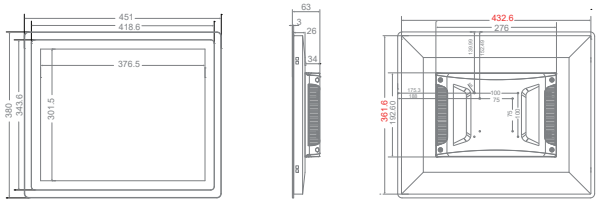
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W451X H380X D63MM
Size of opening	W434.6X H363.6MM

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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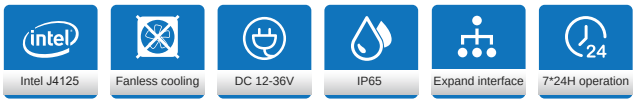
IMD191-W200-J4

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	19.1"
Non-touch	IMD191-W200-J4
Capacitive touch	IMD191-W210-J4
Resistive touch	IMD191-W220-J4

Product Interface

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

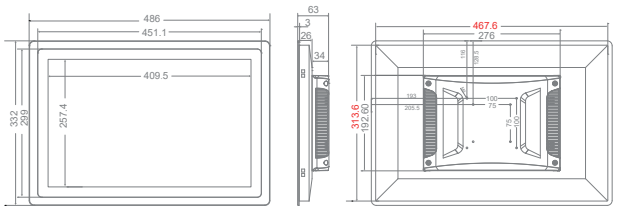
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W486x H332x D63mm
Size of opening	W469.6x H315.6mm

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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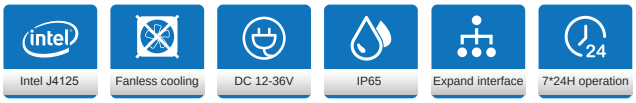
IMD215-W200-J4

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	21.5"
Non-touch	IMD215-W200-J4
Capacitive touch	IMD215-W210-J4
Resistive touch	IMD215-W220-J4

Product Interface

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

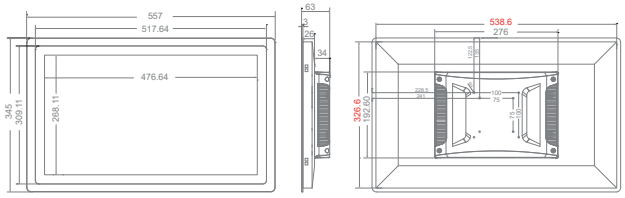
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W557X H345X D63MM
Size of opening	W540.6X H328.6MM

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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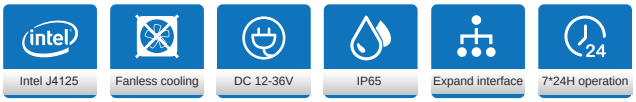
IMD238-W200-J4

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	23.8"
Non-touch	IMD238-W200-J4
Capacitive touch	IMD238-W210-J4
Resistive touch	IMD238-W220-J4

Product Interface

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

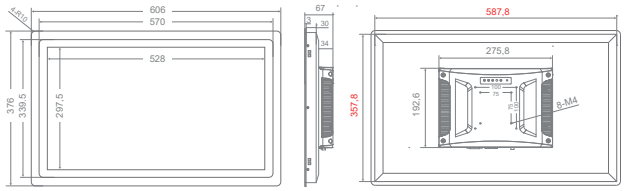
Touch Parameters

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	Intel Celeron J4125 quad-core 2GHz (Maximum RF: 2.7GHz)		
Memory	4G DDR4 2400MHz (Optional 8G)	Broad pressure	With wide voltage (12V~36V)
Storage	64G SSD (Optional：128/256/512G)	WiFi	2.4GHz/5GHz, Dual frequencyWiFi
Integrated graphics	Intel UHD Graphics 600	Bluetooth	BT4.0 (Optional)
Operating system	Win10 Professional/Enterprise/Home, Win11 Professional, Ubuntu 16.04.7, Ubuntu 18.04.6/Centos7.8/Centos7.9/Centos8.4	Other support	RTC real-time clock and timing switch

Product Size



Physical Characteristics

Overall dimensions	W606X H376X D67MM
Size of opening	W589.8X H359.8MM

Interface Parameters

Power key	1*POWER
Power interface	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

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

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