



2nd Gen A Series

True Flat Embedded and Perfectly Integrated with Cabinets

Designed for Cabinet Embedded Applications



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

Embedded Industrial Monitor



High-precision Aluminum Alloy Die-casting
Industrial metal texture and anti-corrosion and impact resistance features.



Ultra-slim Front Panel The embedded installation integrates perfectly with the cabinet.



12V to 36V Wide Voltage for Power Supply
Address and resolve issues of voltage instability and harmonic interference.



Customization Available
Provide rapid product upgrades, OEM and ODM services.

10.1/10.4/11.6/12/13.3/15/15.6/17/17.3/19/21.5/23.8 inch are available and optional, more sizes can be customized.

Basic Parameters	CPU	RTD2513/RTD2556	Body properties	Material: aluminum alloy, color: black, optional silver
	Menu language	Multi language (default English)	Key functions	AUTO,MENU,POWER,LEFT,RIGHT
Touch Screen	Capacitive Touch Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: ≥ 88% Input mode: handwriting or capacitive pen Controller communication: USB		Resistive Touch Touch screen type: single point resistive touch screen Light transmittance: ≥ 78% Input mode: Fingertip or stylus Controller communication: USB	
			Non-touch Light transmittance: ≥ 92%	
Interface	DC port	1*DC2.1(DC 12-36V)		
	HDMI	High-definition audio digital signal transmission, support HDMI data input		
	VGA	Analog signal transmission, support VGA best resolution		
	DVI	Digital signal transmission, support the best resolution of DVI digital signal		
	Touch interface	RJ45 interface standard (defined as USB), compatible to capacitive/resistive touch		
	Headphone port	35mm standard interface		
Other Parameters	Operation temperature	-10 °C ~60 °C	Storage temperature	-20 °C ~ 70 °C
	Power input	12V-36V power input	Warranty policy	Three years (one year full free warranty)
	Installation method	Supports snap embedded wall embedded wall mounted desktop louvered cantilever mounted boom mounted etc		

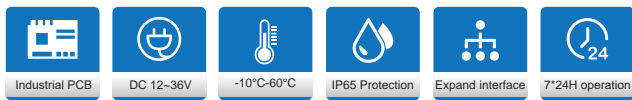


IMD070-M200

Introducing the IMD 2nd Gen Series: our latest innovation in rugged computing, forged with an aluminum alloy body for unparalleled durability. Designed to excel beyond kiosks, it integrates seamlessly into manufacturing lines, control systems, and communications infrastructure, delivering reliable, energy-efficient operation in even the most challenging environments. Compact and robust, this series is the definitive industrial computing solution.

Features

- Meets EMC standards for robust electromagnetic interference resistance.
- Industrial-grade quality, supporting a range of customization options.
- Upgradeable to a 1000+ nit display for superior visibility in bright environments.
- Optional auto-brightness sensor for real-time luminance adjustment.
- Automatically detects VGA, DVI, and HDMI inputs for versatile connectivity.
- Flexible installation configurations: desktop, wall-mounted, Open Frame, Panel Mount, cantilevered setups.



Product Model

Product Size	7"
Non-touch	IMD070-M200
Capacitive touch	IMD070-M210
Resistive touch	IMD070-M220

Product Interface



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/m ²
Contrast ratio	500:1

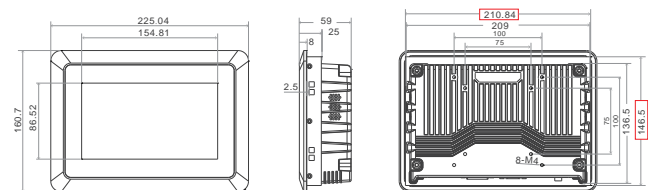
Touch Parameters

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	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size



Physical Characteristics

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

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, support HDMI data input, maximum support 1080P
Touch interface	1*TOUCH (RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-10°C~60°C
Storage temperature	-20°C~70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V~36V
Static power	18W

System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit



IMD101-M200

Introducing the IMD 2nd Gen Series: our latest innovation in rugged computing, forged with an aluminum alloy body for unparalleled durability. Designed to excel beyond kiosks, it integrates seamlessly into manufacturing lines, control systems, and communications infrastructure, delivering reliable, energy-efficient operation in even the most challenging environments. Compact and robust, this series is the definitive industrial computing solution.

Features

- Meets EMC standards for robust electromagnetic interference resistance.
- Industrial-grade quality, supporting a range of customization options.
- Upgradeable to a 1000+ nit display for superior visibility in bright environments.
- Optional auto-brightness sensor for real-time luminance adjustment.
- Automatically detects VGA, DVI, and HDMI inputs for versatile connectivity.
- Flexible installation configurations: desktop, wall-mounted, Open Frame, Panel Mount, cantilevered setups.



Product Model

Product Size	10.1"
Non-touch	IMD101-M200
Capacitive touch	IMD101-M210
Resistive touch	IMD101-M220

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/m ²
Contrast ratio	1000:1

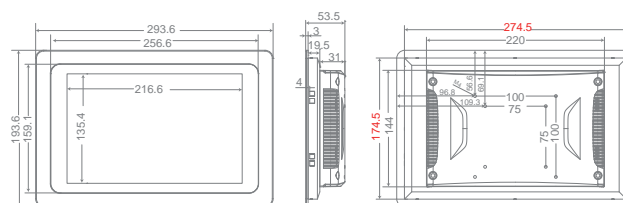
Touch Parameters

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	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size



Physical Characteristics

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

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*TOUCH (RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V-36V
Static power	18W

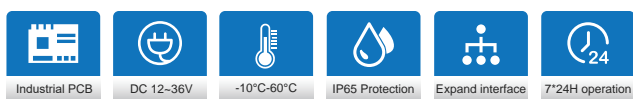
System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit

IMD116-M200

Introducing the IMD 2nd Gen Series: our latest innovation in rugged computing, forged with an aluminum alloy body for unparalleled durability. Designed to excel beyond kiosks, it integrates seamlessly into manufacturing lines, control systems, and communications infrastructure, delivering reliable, energy-efficient operation in even the most challenging environments. Compact and robust, this series is the definitive industrial computing solution.

Features

- Meets EMC standards for robust electromagnetic interference resistance.
- Industrial-grade quality, supporting a range of customization options.
- Upgradeable to a 1000+ nit display for superior visibility in bright environments.
- Optional auto-brightness sensor for real-time luminance adjustment.
- Automatically detects VGA, DVI, and HDMI inputs for versatile connectivity.
- Flexible installation configurations: desktop, wall-mounted, Open Frame, Panel Mount, cantilevered setups.



Product Model

Product Size	11.6"
Non-touch	IMD116-M200
Capacitive touch	IMD116-M210
Resistive touch	IMD116-M220

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/m ²
Contrast ratio	1000:1

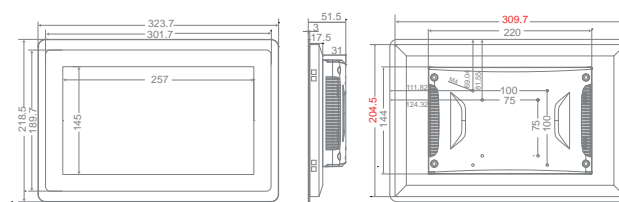
Touch Parameters

Touch type	10-point touch projection Capacitive touch screen	Single-point Resistance touch screen	Non-touch
Transmittance	≥88%	≥78%	≥92%
Input mode	Handwriting or Capacitance pen	Fingertip or stylus	/
Controller communication	USB	USB	/

Hardware Configuration

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

Product Size



Physical Characteristics

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

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*TOUCH (RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V-36V
Static power	18W

System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit

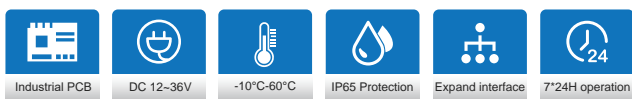


IMD120-M200

Introducing the IMD 2nd Gen Series: our latest innovation in rugged computing, forged with an aluminum alloy body for unparalleled durability. Designed to excel beyond kiosks, it integrates seamlessly into manufacturing lines, control systems, and communications infrastructure, delivering reliable, energy-efficient operation in even the most challenging environments. Compact and robust, this series is the definitive industrial computing solution.

Features

- Meets EMC standards for robust electromagnetic interference resistance.
- Industrial-grade quality, supporting a range of customization options.
- Upgradeable to a 1000+ nit display for superior visibility in bright environments.
- Optional auto-brightness sensor for real-time luminance adjustment.
- Automatically detects VGA, DVI, and HDMI inputs for versatile connectivity.
- Flexible installation configurations: desktop, wall-mounted, Open Frame, Panel Mount, cantilevered setups.



Product Model

Product Size	12"
Non-touch	IMD120-M200
Capacitive touch	IMD120-M210
Resistive touch	IMD120-M220

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/m ²
Contrast ratio	1000:1

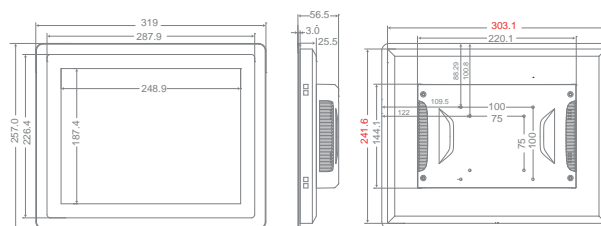
Touch Parameters

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	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size



Physical Characteristics

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

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*TOUCH (RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V-36V
Static power	18W

System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit

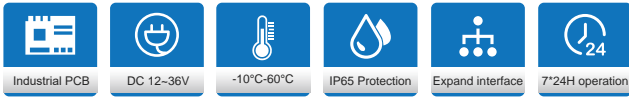


IMD170-M200

Introducing the IMD 2nd Gen Series: our latest innovation in rugged computing, forged with an aluminum alloy body for unparalleled durability. Designed to excel beyond kiosks, it integrates seamlessly into manufacturing lines, control systems, and communications infrastructure, delivering reliable, energy-efficient operation in even the most challenging environments. Compact and robust, this series is the definitive industrial computing solution.

Features

- Meets EMC standards for robust electromagnetic interference resistance.
- Industrial-grade quality, supporting a range of customization options.
- Upgradeable to a 1000+ nit display for superior visibility in bright environments.
- Optional auto-brightness sensor for real-time luminance adjustment.
- Automatically detects VGA, DVI, and HDMI inputs for versatile connectivity.
- Flexible installation configurations: desktop, wall-mounted, Open Frame, Panel Mount, cantilevered setups.



Product Model

Product Size	17"
Non-touch	IMD170-M200
Capacitive touch	IMD170-M210
Resistive touch	IMD170-M220

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/m ²
Contrast ratio	1000:1

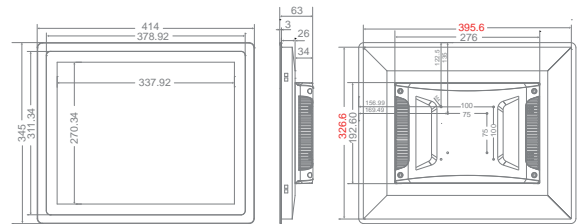
Touch Parameters

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	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size



Physical Characteristics

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

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*TOUCH (RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V-36V
Static power	18W

System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit

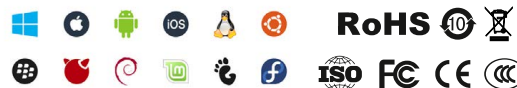
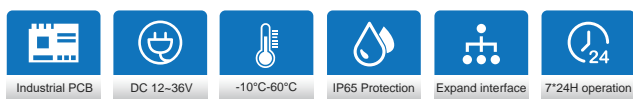


IMD185-M200

Introducing the IMD 2nd Gen Series: our latest innovation in rugged computing, forged with an aluminum alloy body for unparalleled durability. Designed to excel beyond kiosks, it integrates seamlessly into manufacturing lines, control systems, and communications infrastructure, delivering reliable, energy-efficient operation in even the most challenging environments. Compact and robust, this series is the definitive industrial computing solution.

Features

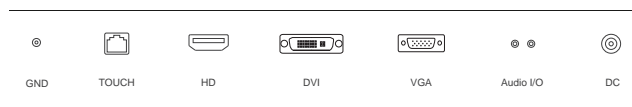
- Meets EMC standards for robust electromagnetic interference resistance.
- Industrial-grade quality, supporting a range of customization options.
- Upgradeable to a 1000+ nit display for superior visibility in bright environments.
- Optional auto-brightness sensor for real-time luminance adjustment.
- Automatically detects VGA, DVI, and HDMI inputs for versatile connectivity.
- Flexible installation configurations: desktop, wall-mounted, Open Frame, Panel Mount, cantilevered setups.



Product Model

Product Size	18.5"
Non-touch	IMD185-M200
Capacitive touch	IMD185-M210
Resistive touch	IMD185-M220

Product Interface



Product Specifications

Screen Parameters

LCD size	18.5" TFT LCD
Resolution	1920*1080
Viewing angle	85/85/80/80 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m ²
Contrast ratio	1000:1

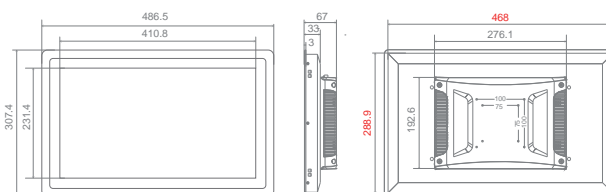
Touch Parameters

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	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size



Physical Characteristics

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

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*TOUCH (RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V-36V
Static power	18W

System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit

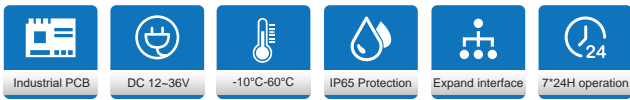


IMD191-M200

Introducing the IMD 2nd Gen Series: our latest innovation in rugged computing, forged with an aluminum alloy body for unparalleled durability. Designed to excel beyond kiosks, it integrates seamlessly into manufacturing lines, control systems, and communications infrastructure, delivering reliable, energy-efficient operation in even the most challenging environments. Compact and robust, this series is the definitive industrial computing solution.

Features

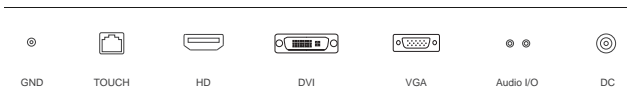
- Meets EMC standards for robust electromagnetic interference resistance.
- Industrial-grade quality, supporting a range of customization options.
- Upgradeable to a 1000+ nit display for superior visibility in bright environments.
- Optional auto-brightness sensor for real-time luminance adjustment.
- Automatically detects VGA, DVI, and HDMI inputs for versatile connectivity.
- Flexible installation configurations: desktop, wall-mounted, Open Frame, Panel Mount, cantilevered setups.



Product Model

Product Size	19.1"
Non-touch	IMD191-M200
Capacitive touch	IMD191-M210
Resistive touch	IMD191-M220

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/m ²
Contrast ratio	1000:1

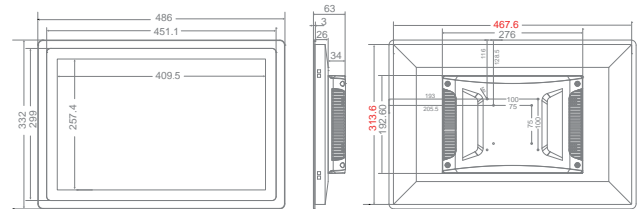
Touch Parameters

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	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size



Physical Characteristics

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

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*TOUCH (RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V-36V
Static power	18W

System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit

