



### Features:

- Modular designed, aluminum-magnesium alloy, anodized treated;
- 12.1" TFT LCD Display, LED Backlit, XGA 1024\*768;
- High temp. 5-wires Resistive touchscreen, EETI controller;
- USB touch interface, optional RS232 touch interface;
- DC 12V power input, optional wide DC 9 ~36v input;
- Dual signal inputs: 1 VGA, 1 DVI;
- Panel mount, VESA 75/100 mount, Front IP66 rated protection
- Optional outdoor high brightness and optical bonding features.

### Specification

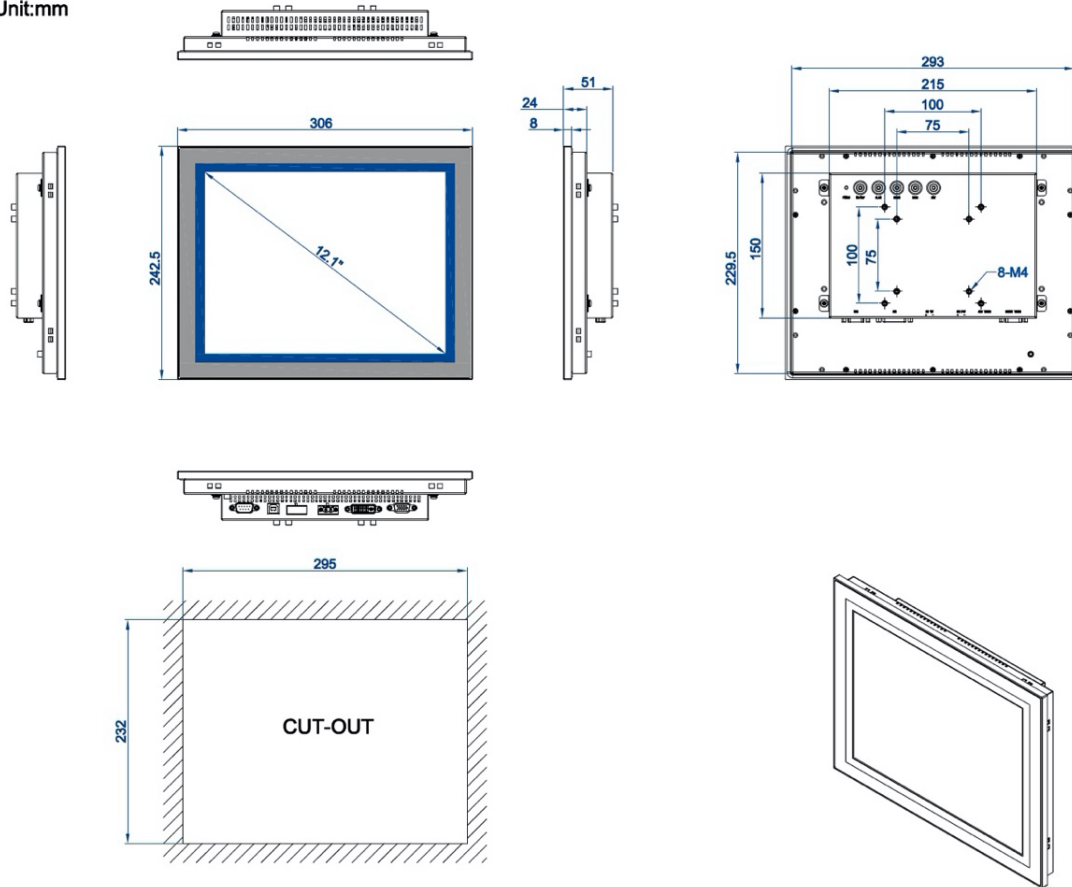


<b>Basic</b>	Front Panel	Magnesium-aluminum alloy, anodized treatment
	Rear Panel	SGCC Plate sheet, sand-blasting
	Control Button	OSD button on top of backside
	Signal Input	1 VGA, 1 DVI
	Mount Method	Panel mount, VESA 75/100
	Overall Dimension	306.0 * 242.5 * 51.0 (mm)
	Cut-out Dimension	295 * 232 (mm)
	Net Weight	2.7KG
	IP Rate	Front Surface IP66 water-proof/Dust-proof
<b>LCD Display</b>	Size/Type	12.1" TFT LCD Display
	Resolution	1024 * 768 (XGA)
	Brightness	350 nits
	Contrast Ratio	800:1
	Backlit & Lifetime	LED Backlit & 30K hours
	Display Area	245.76 * 184.32 (mm)
<b>Touchscreen</b>	View Angle	80/80/80/80
	Type	High temp. 5-wires precision resistive touchscreen
	Click Life	35 million times /250g
	Draw Life	5 million times /250g
	Surface Hardness	MOHS 6H
	Touch Controller	EETI
	Touch Interface	USB touch (Optional RS232 touch interface)
Special Treatment	PET film laminated (Flat design)	
<b>Power &amp; Environmental</b>	Operating temp.	-20 ~ + 70 (°C)
	Storage temp.	-30 ~ + 70 (°C)
	Humidity	10 ~ 95% @ 10C (No condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 12V (Optional wide voltage DC 9~36V)
	Power consumption	About 15W
	Certificate	CE/FCC/ROHS

## Dimension

DIMENSIONAL DRAWING:TM-PR121

Unit:mm



DIMENSIONS IN MILLIMETERS

**TAICEN**  
DATE:2019.06.13  
REV:A Unit:mm

## Ordering information

Part no.	Description
TM-PR121	12.1" LCD, XGA 1024 *768, Resistive Touch, USB Touch Interface, 1 VGA, 1 DVI, DC 12V, PSU
TM-PR121S	12.1" LCD, XGA 1024 *768, Resistive Touch, <b>RS232 Touch Interface</b> , 1 VGA, 1 DVI, DC 12V, PSU
TM-PR121W	12.1" LCD, XGA 1024 *768, Resistive Touch, USB Touch Interface, 1 VGA, 1 DVI, <b>DC 9~36V, No PSU by default</b>
TM-PR121L	12.1" LCD, XGA 1024 *768, <b>High brightness option</b> , Resistive Touch, USB Touch Interface, 1 VGA, 1 DVI, DC 12V, PSU
TM-PR121L-OB	12.1" LCD, XGA 1024 *768, <b>High brightness &amp; optical bonding</b> , Resistive Touch, USB Touch Interface, 1 VGA, 1 DVI, DC 12V, PSU
Optional Accessories	Description
HDMI Cable	HDMI-DVI Cable, around 2.0m length
DVI Cable	DVI Cable, around 2.0m length
PSU	40W PSU (Extra for TM-PR121W model)
COM Cable	COM cable, around 1.8m length (For TM-PR121S model)

## Packing List

Description	Quantity	Description	Quantity
Standard TM-PR121	1 piece	VGA Cable, around 1.8m length	1 piece
40W PSU	1 set	Power Cable & Plug	1 set
USB Touch Cable, around 1.8m length	1 piece	Panel mount metal clips	1 set (8 pieces)