

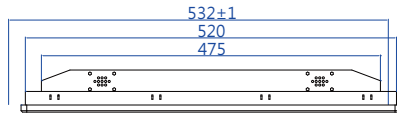
# 21.5" Flat Panel PC - W22FA3S-PCA3

## Mechanical Design

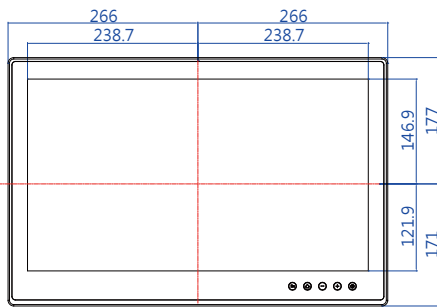
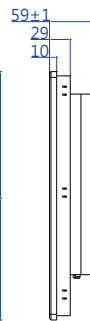
- 21.5" 1920 x 1080 Resolution with P-Cap Multi-touch Screen
- Ultra Low-power System with Freescale Coretex A9 i.MX6 1GHz
- Fanless Cooling System and Ultra-low Power Consumption
- Multi-touch with Android System
- Capacitive Touch Key for Hot key and Display Control
- Front IP66 Water and Dust Proof



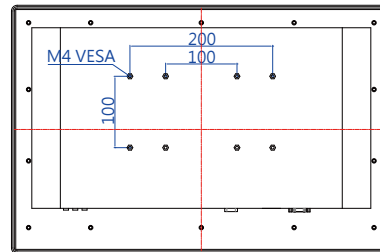
FRONT VIEW



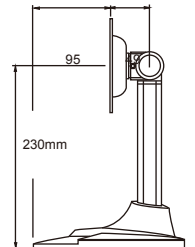
SIDE VIEW



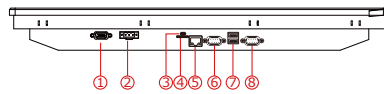
BACK VIEW



Accessory



Number : 9A0000000179



BOTTOM VIEW

1. RS232(Optional 422/485) x 1
2. 9~24V DC IN, 3-Pin Terminal Block x 1
3. Micro HDMI x 1
4. Micro SD Card Reader x 1
5. LAN x 1
6. RS232(Optional 422/485) x 1
7. USB 2.0 x 2
8. RS232(Optional 422/485) x 1

## Specifications

### System :

- Processor : Freescale Coretex A9 i.MX6 1GHz
- System Memory : 1GB DDR3
- Storage : 16GB eMMC/mSATA/Micro SD Card
- Operating System : Android 4.4(default), Linux QT (optional)

### Input / Output :

- Serial Ports : 3 x RS232/422/485
- USB Ports : 2 x USB 2.0
- Ethernet : 1 x RJ 45-10/100/1000 Mbps
- HDMI : 1 x Micro HDMI
- Micro SD : 1 x Micro SD Card Reader

### Power Specifications :

- Power Input : 9~24V DC IN, 3-Pin Terminal Block

### Product Optional :

- Accessory : Vesa Mounting Arm / Table Stand mount

### Display Spec :

- Size / Type : 21.5 " TFT
- Resolution : 1920x1080
- Brightness : 250 (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angle : 170 (H); 160 (V)
- Max Colors : 16.7M (8bits/color)
- Touch Screen : Projective Capacitive Multi-touch

### Mechanical Specification :

- Cooling System : Fanless Design
- Mounting : VESA Mount (100x100mm)
- Dimensions (W x H x D) : 532.0 x 348.0 x 59.0 mm

### Environment Considerations :

- Operating Temperature : -10 deg.C to 50deg.C
- Operating Humidity : 30% to 90% (non condensing)
- IP Rating : Front IP66



Rev.	Reasons	Revised Date
1.0	First release	Mar-10-2015