

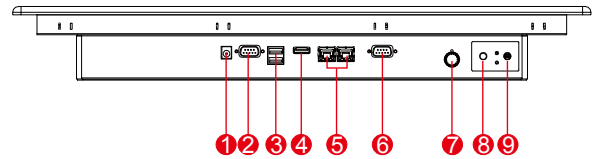
# W22IK3S-PPA3 21.5" P-CAP Panel PC (Intel® 7<sup>th</sup> Generation Core™ i5 Platform)

Mechanical Design



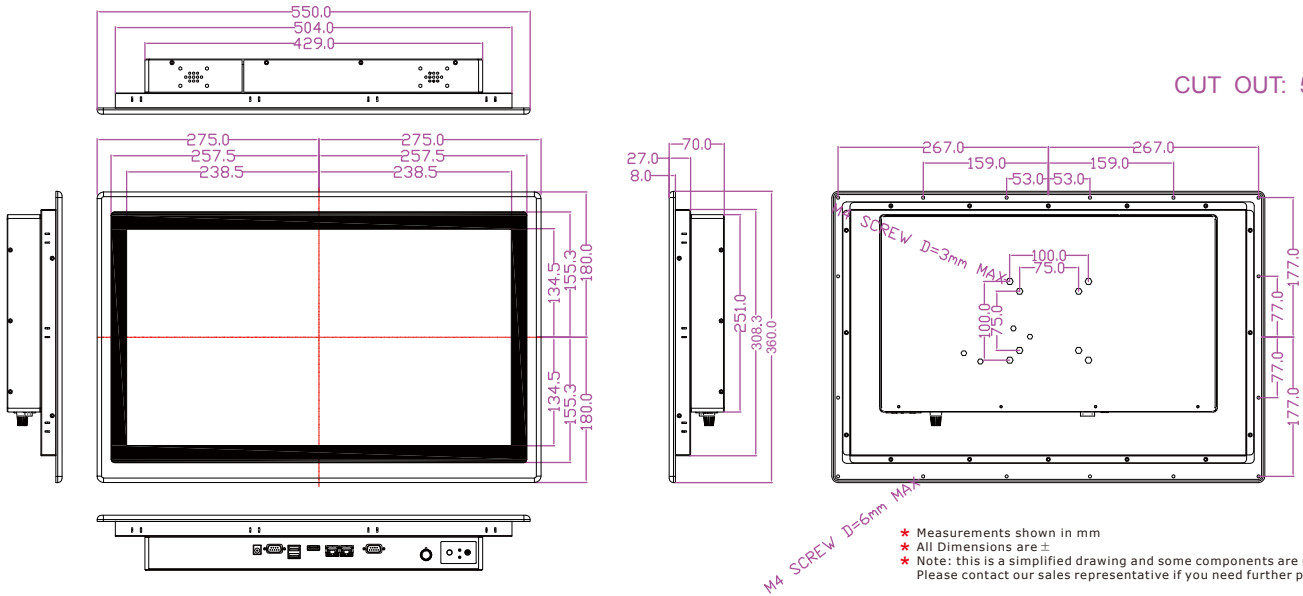
**Real Flat Panel Mount (IP65 front side)**

## Fully Integrated I/O



- |                            |                               |
|----------------------------|-------------------------------|
| 1. 12V DC IN               | 6. RS232                      |
| 2. RS232(Optional 422/485) | 7. Brightness Adjustment Knob |
| 3. USB3.0 x 2              | 8. Power On Button            |
| 4. HDMI                    | 9. Power Reset Button         |
| 5. LAN x 2                 |                               |

CUT OUT: 507\*312 mm



\* Measurements shown in mm  
\* All Dimensions are ±  
\* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

## Specifications

### System :

- Processor : Intel® Core i5-7200U 2.5GHz (turbo to 3.1GHz)
- BIOS : Insyde BIOS
- System Chipset : Intel® SoC Integrated
- System Memory : 4GB DDR4-2133 SO-DIMM (Max 16GB)
- Graphic Chipset : Intel® HD Graphics 620
- Storage : 64GB M.2 B Key SATA III (Options up to 256GB)
- LAN : Intel® Gigabit-LAN Controller I211AT + PHY I219LM
- Audio : Realtek ALC283 HD Audio Codec

### Input / Output :

- Serial Ports : 1 x RS232(Optional 422/485)  
1 x RS232
- USB Ports : 2 x USB 3.0
- Ethernet : 2 x RJ 45-10/100/1000 Mbps
- HDMI : 1 X HDMI 1.4

### Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 80W (Max backlight & High CPU load)

### Accessories

- External Adapter : 110~230V Ac-in Power Adapter

### Panel Spec :

- Size/Type : 21.5" TFT
- Resolution : 1920 x 1080
- Brightness : 250 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angle : -89~89(H); -89~89(V)
- Max. Colors : 16.7M (8bits/color)
- Touch Screen : Projected capacitive multi-touch  
Optional anti-glare coating

### Mechanical Specification :

- Cooling System : Fanless Design
- Mounting : VESA Mount (75x75mm, 100x100mm)
- Dimension (W x H x D) : 550 x 360 x 70 (mm)
- Cut out Dimension : 504 x 308.3 (mm)

### Environment Considerations :

- Operating Temperature : 0 deg.C to 50 deg.C
- Operating Humidity : 30% to 90% (non condensing)

### OS Support

- Windows 10 IoT Enterprise

