

# W22IAD3S-67B2-P(HB)

21.5" Intel® Core™ i5-1235U G-WIN Full IP67 P-CAP Panel PC



## KEY FEATURES

- 12th Gen Intel® Core™ i5-1235U processor
- High Quality 21.5" Panel, 1920 x 1080 resolution, 350 nits (Optional for 1000 nits)
- P-cap multi touch screen Optical Bonding with Panel to increase the clarity and transparency
- Dust/ Water proof design with VESA mount Full IP67 Panel PC
- Aluminum Die-Casting Housing with Anti-Corrosion Treatments
- Build in ambient Light sensor
- -10 to 55°C wide operating temperature
- Wide Range 9 to 36V DC Input with isolation. Optional for Ignition On/Off delay



## SPECIFICATIONS

### System Specification

<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional)	<b>Ethernet controller</b>	1 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)

### Display

<b>Resolution</b>	1920x1080	<b>Size</b>	21.5 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	350.0 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	476.64x268.11 mm
<b>Optional function</b>	High brightness Panel for sunlight readable (Optional)	<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen Bonding With Panel

### Mechanical

<b>Dimension</b>	529.6 x 342.8 x 58 mm	<b>Weight</b>	5.8 kg
<b>Mounting</b>	VESA Mount	<b>Enclosure</b>	Aluminum Housing Pre finish: Surtec 650, Type II, Class 3 Coating: Polyester powder coating
<b>Cooling System</b>	Fanless design		

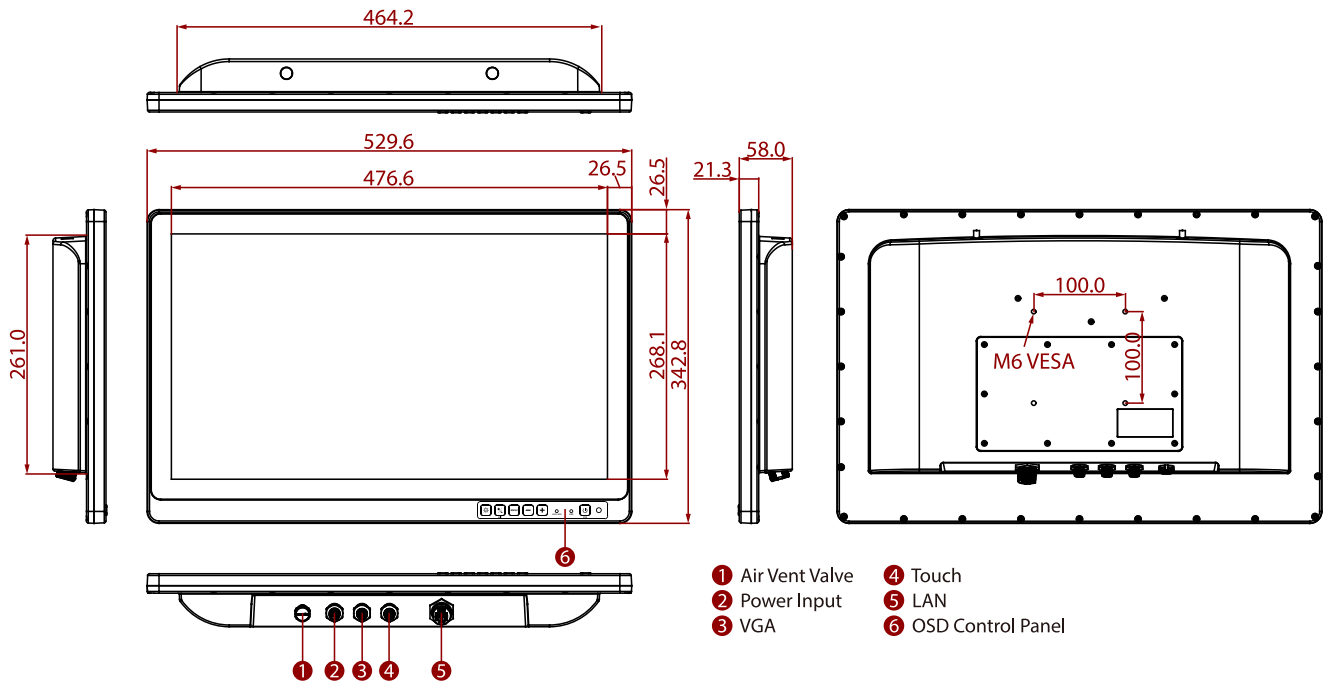
### Environment

<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	-10°C to 55°C -40°C to 70°C (with intelligent heater)
<b>Storage Temperature</b>	-30°C to 70°C	<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I	<b>IP rating</b>	IP67

### Certification

<b>Certification</b>	CE, FCC		
<b>IO Ports</b>			
<b>Power Input</b>	1 x M12 waterproof connector for 9~36V DC	<b>USB Port</b>	1 x M12 waterproof connector for 2 x USB2.0
<b>Serial Port</b>	1 x M12 waterproof connector for RS232	<b>LAN</b>	1 x waterproof Giga LAN RJ45 connector
<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage		
<b>Control</b>			
<b>Button</b>	1 x "Power" key to power on the device. 1 x "+" key to increase screen brightness. 1 x "-" key to decrease screen brightness. 1 x "Menu" key can Automatically or manually adjusts brightness of the display screen 1 x Day / Night Mode button 1 x LED indicator brightness adjustment button 1 x Ambient Light sensor		
<b>Accessory</b>			
<b>Accessory</b>	External open wire Power cable with waterproof connector External USB cable with waterproof connector External COM cable with waterproof connector External LAN cable with waterproof connector Waterproof caps RJ45 female-female converter VESA screws	<b>Optional Accessory</b>	100~240V AC to DC 150W Adapter with power cord (Optional)

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Weight of the device varies by configuration.
3. Please contact our sales representative if you need further product information.
4. All specifications are subject to change without prior notice.
5. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.