

# W07IE3A-6701-P

## 7" Intel® Celeron® N6211 G-WIN Full IP67 P-CAP Panel PC

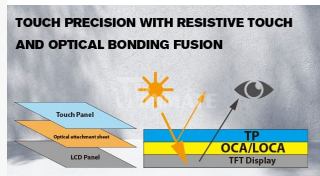


### KEY FEATURES

- Intel® Celeron® N6211 Processor 1.5M Cache, up to 2.60 GHz
- High Quality 7" Panel, 1024 x 600 resolution, 1000 nits
- P-cap multi touch screen Optical Bonding with Panel to increase the clarity and transparency
- Optional Anti-Reflective Protection Glass Optical Bonding with Panel
- Dust/ Water proof design with VESA mount Full IP67 Panel PC
- Plastic Front Bezel with Anti-Corrosion Aluminum Die-Casting back cover
- -10 to 55°C wide operating temperature
- Wide Range 9 to 36V DC Input. Optional for Ignition On/Off delay



### OVERVIEW



#### Touch precision with Resistive Touch and Optical Bonding fusion

Winmate G-Win IP67 Series Panel PCs stand out by seamlessly integrating flat 5 wire resistive touch technology with optical bonding to reduce reflective glare, resulting in a cutting-edge touchscreen solution that not only ensures ruggedness and precision but also offers superior visual clarity. This innovative fusion caters perfectly to diverse environments such as outdoor kiosks, industrial control panels, and medical instruments, where reliability, durability, and top-notch display visibility are paramount.



#### Anti-Corrosion Aluminum Die-Casting Back Cover

Winmate G-Win IP67 Series has anti-corrosion aluminum die-casting back cover, designed specifically for the rigorous demands of the industrial sector. Crafted from high-quality aluminum, this back cover provides exceptional durability and resistance against corrosion, ensuring longevity even in harsh environments. Its robust construction guarantees reliable protection for sensitive components housed within, making it an ideal choice for industrial applications where reliability and longevity are paramount.



#### Adaptable Across Temperature Extremes

The G-Win IP67 Series panel PC is designed to function within a broad temperature range from -10°C to 55°C, making it suitable for use in outdoor or hazardous environments, regardless of extreme hot or cold conditions.



#### Convenient Mounting Installation

The industrial display offers versatile mounting options suitable for both wall and desk installations, facilitating straightforward setup and adaptability across diverse industries to meet specific needs.



#### IP67 Waterproof Design

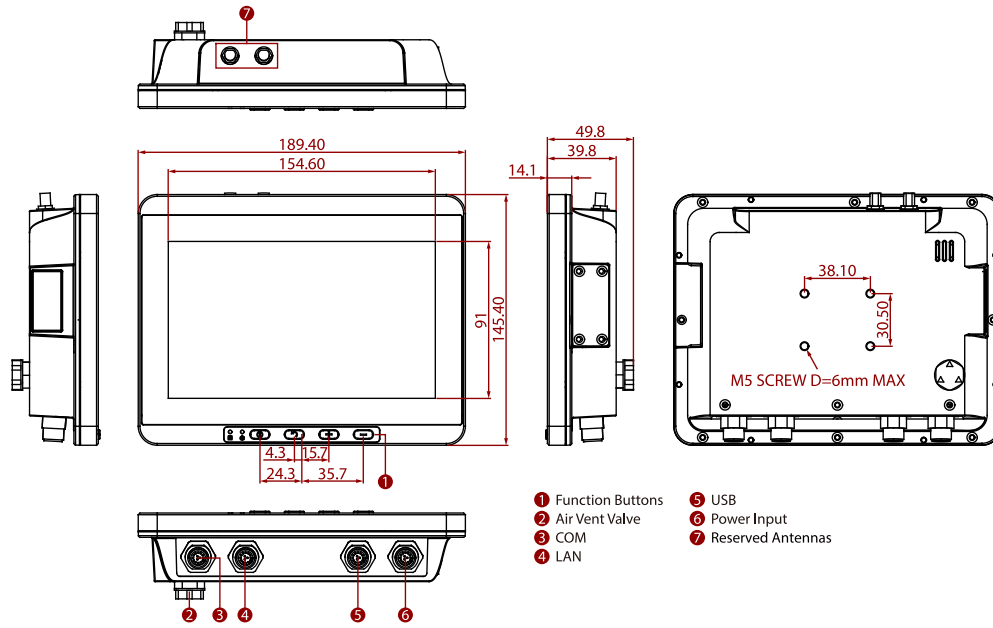
The G-WIN GC series HMI panel PC is equipped with an IP67 front rating, ensuring durability against water and dust in challenging environments. This protective feature shields it from water splashes, dust, and other contaminants, preserving operational integrity. Operators can confidently deploy it in demanding industrial conditions, without worrying about moisture or dust-related damage, thus enhancing reliability and longevity for critical operations.

### SPECIFICATIONS

System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel Celeron N6211 1.2GHz (up to 2.6GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB

<b>Storage</b>	1 x M.2 2242 B-Key SSD 128GB 256GB (Optional) 512GB (Optional)	<b>Ethernet controller</b>	8GB (Optional) 16GB (Optional) 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)
<b>Display</b>			
<b>Resolution</b>	1024x600	<b>Size</b>	7.0 inches
<b>Contrast Ratio</b>	700:1	<b>Panel Brightness</b>	1000.0 nits
<b>View Angles</b>	75,75,75,70	<b>Active Area</b>	153.6x90 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen Bonding With Panel Ture Flat Protection Glass Bonding With Panel (Optional)		
<b>Mechanical</b>			
<b>Dimension</b>	189.4 x 145.4 x 49.8 mm	<b>Weight</b>	1.2 kg
<b>Mounting</b>	VESA mount	<b>Enclosure</b>	Plastic Front Bezel with Aluminum back cover Pre finish: Surtec 650, Type II, Class 3 Coating: Polyester powder coating
<b>Cooling System</b>	Fanless Design		
<b>Environment</b>			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	-10°C to 55°C
<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
<b>Certification</b>			
<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 Button F1 key to increase screen brightness. F2 key to decrease screen brightness. F3 key to bring up the Winset Utility.		
<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 84W Adapter with power cord (Optional)
<b>Ordering Information</b>			
<b>Option</b>	W07IE3A-67O1-G for Anti Reflective Protection Glass (Optional)		

**DIMENSIONS** UNIT:MM



- 1 Function Buttons
- 2 Air Vent Valve
- 3 COM
- 4 LAN
- 5 USB
- 6 Power Input
- 7 Reserved Antennas

**NOTE**

1. This is a simplified drawing and some components are not marked in detail.
3. Weight of the device varies by configuration.
4. Please contact our sales representative if you need further product information.
5. All specifications are subject to change without prior notice.
6. 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.

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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