

# W10IAN3S-GSH2

10.1" G-WIN GS-Series Full IP65 PCAP Panel PC with Intel® Processor N150



## KEY FEATURES

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- Low power consumption with Intel® Processor N150
- Fanless cooling system design
- Edge-to-edge design
- Full IP65 design with Special M12 Waterproof connectors
- 1 x GbE LAN, 1 x RS232, 1 x USB 2.0

## INTRODUCTION

The 10.1" W10IAN3S-GSH2 is a Full IP65 industrial panel PC engineered for harsh environments, powered by the Intel® Processor N150 to deliver a perfect balance of low power consumption and reliable, fanless performance. Featuring an edge-to-edge P-CAP multi-touch screen and specialized M12 waterproof connectors, it ensures ultimate protection and seamless connectivity for diverse industrial automation applications.

## SPECIFICATIONS

### Display

<b>Resolution</b>	1280x800	<b>Size</b>	10.1 inches
<b>Contrast Ratio</b>	800:1	<b>Panel Brightness</b>	350.0 nits
<b>View Angles</b>	85,85,85,85	<b>Active Area</b>	216.96x135.6 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen (Default) Protection Glass (Optional)		

### System Specification

<b>Processor</b>	Intel® Processor N150 6M Cache, up to 3.6 GHz	<b>Memory</b>	8GB(Default) (Default) 16GB (Optional)
<b>Storage</b>	128GB SSD(Default) (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional)	<b>Ethernet controller</b>	1 x Intel® Gigabit 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 24.04 (Optional)
<b>WLAN</b>	(Optional)	<b>BT</b>	(Optional)

### Environment

<b>Operating Humidity</b>	10% to 95% RH	<b>Operating Temperature</b>	-15~55°C
<b>Storage Temperature</b>	-30°C to 60°C	<b>Shock</b>	40g for 11ms
<b>Vibration</b>	1.48/1.90/2.24 g rms for XYZ/ 5-500Hz	<b>IP rating</b>	IP65, Dustproof and Waterproof

## Certification

<b>Certification</b>	CE, FCC Compliant with MIL-STD-810F/G for vibration / shock
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## IO Ports

<b>USB Port</b>	1 x USB 2.0 (M12 type)	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)(M12 type)
<b>LAN</b>	1 x LAN-10/100/1000 (M12 type)	<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage

## Mechanical

<b>Dimension</b>	263.28 x 172 x 40.2 mm	<b>Mounting</b>	VESA mount (Default) Front IP65 Panel mount (Optional)
<b>Enclosure</b>	Aluminum	<b>Cooling System</b>	Fanless Design

## Power

<b>Power Rating</b>	9-36V DC (M12 type)
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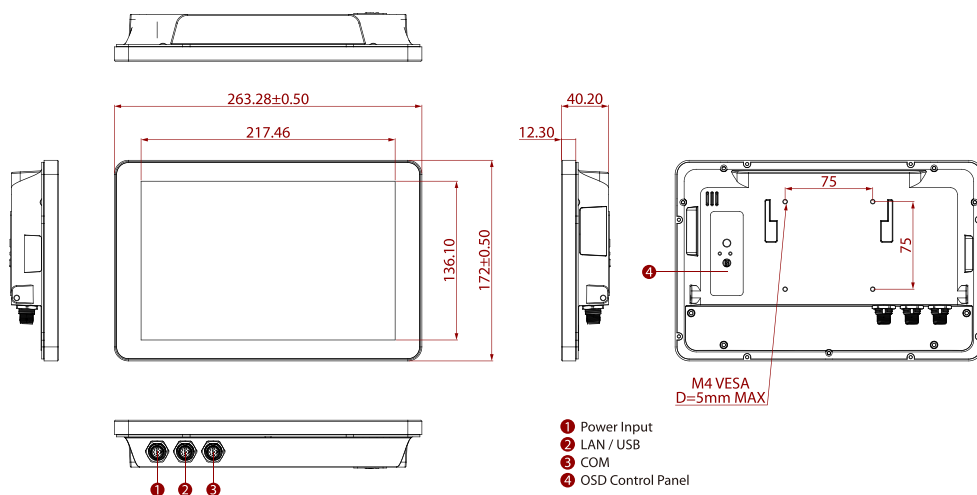
## Accessory

<b>Accessory</b>	Quick Start Guide (Hardcopy) M12 Power Cable M12 Serial Interface Cable M12 USB/ LAN Cable I/O Protective Cap x 3
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## Control

<b>Button</b>	1 x Power Button 1 x Reset Button
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## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. 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.