

# W22IP3S-GCA3

21.5" Intel® Pentium® N4200 G-WIN GC-Series Front IP65 PCAP Panel PC



## KEY FEATURES

- 21.5" 1920 x 1080 with P-CAP touchscreen
- Intel® Pentium® N4200 Apollo Lake Processor
- Fanless cooling system and ultra low power consumption
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design

## INTRODUCTION

Winmate G-WIN GC Series Panel PC Series offers advanced performance and flexibility, with sizes ranging from 7" to 24" and support for various operating systems, including Windows and Android. Designed with a fanless cooling system and ultra-low power consumption, these panel PCs feature a front IP65-rated edge-to-edge flat design for water and dust resistance and easy cleaning. With versatile I/O options, including USB, HDMI, and RS232/422/485, these robust devices are ideal for industrial automation, kiosks, and control systems, ensuring reliability in harsh environments.

## SPECIFICATIONS

### Display

<b>Resolution</b>	1920x1080	<b>Size</b>	21.5 inches
<b>Contrast Ratio</b>	3000:1	<b>Panel Brightness</b>	250.0 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	476.64x268.11 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		

### System Specification

<b>Processor</b>	Intel Pentium N4200 1.1GHz (up to 2.5GHz)	<b>Memory</b>	4GB(Default) (Default) 8GB (Optional)
<b>Storage</b>	128GB SSD(Default) (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)

### Environment

<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-20°C to 60°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>	Front IP65

### Certification

<b>Certification</b>	CE, FCC
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### IO Ports

USB Port	2 x USB 3.0	Serial Port	1 x RS232(Default)/422/485
LAN	1 x RJ45-10/100/1000 Mbps, 1 x RJ45		

### Mechanical

Dimension	530.2 x 321.7 x 54.9 mm	Mounting	VESA mount (Default) Panel mount (Optional)
Enclosure	Metal Housing with Plastic Bezel	Cooling System	Fanless Design

### Accessory

Accessory	Quick Start Guide(Hardcopy) AC Adapter 12V/50W Power Cord 3 Pin Terminal Block to DC Jack
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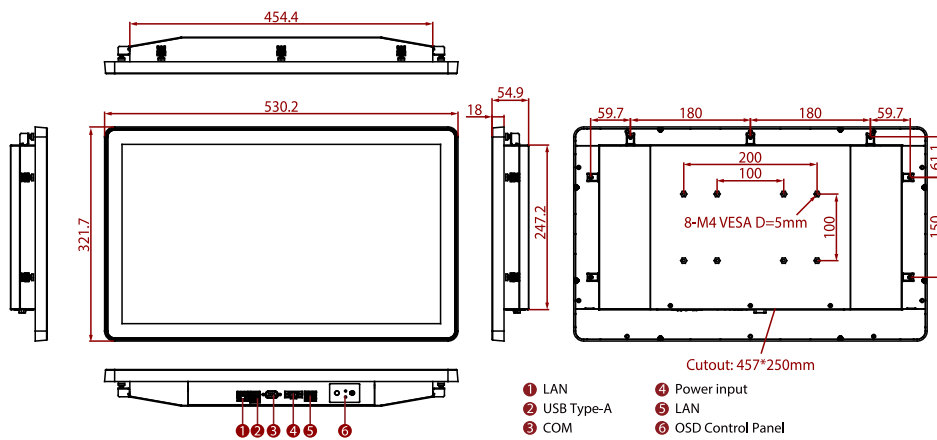
### Control

Button	1 x Power Button 1 x Reset Button
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### Power

Power Rating	12V DC with Terminal Block
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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.