

W10IB3S-GCH2

10.1" Intel® Celeron® N2930 G-WIN GC-Series Front IP65 PCAP Panel PC



KEY FEATURES

- 10.1" 1280 x 800 PCAP touchscreen
- Low power consumption with Intel® Celeron® N2930
- 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

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

System Specification

Processor	Intel Celeron N2930 1.83GHz (up to 2.16GHz)	Memory	4GB(Default) (Default) 8GB (Optional)
Storage	128GB (Default) 256GB (Optional) 512GB (Optional)	Ethernet controller	2 x Intel® 2.5 Gigabit Ethernet Controller
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)

Environment

Operating Humidity	10% to 90% (Non-Condensing)	Operating Temperature	0~50°C
Storage Temperature	-30°C~70°C	Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	IP rating	Front IP65

Certification

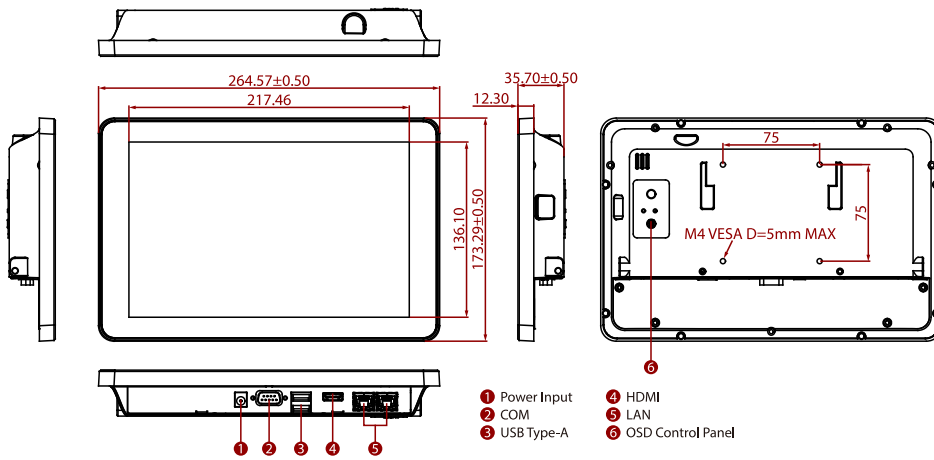
Certification	CE, FCC
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IO Ports

USB Port	1 x USB2.0 1 x USB3.0	Serial Port	1 x RS232(Default)/422/485
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Video	1 x HDMI (Optional)	Audio	1 x Speaker
LAN	2 x RJ45		
Mechanical			
Dimension	264.57 x 173.29 x 35.7 mm	Mounting	VESA mount (Default) Front IP65 Panel mount (Optional)
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design
Accessory			
Accessory	Quick Start Guide(Hardcopy) AC Adapter Power Cable		
Control			
Button	1 x Power Button 1 x Reset Button		
Power			
Power Rating	12V DC in		

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.