R12IB3S-GCM2(HB)
12.1" Intel® Celeron® N2930 G-WIN GC-Series Front IP65 PCAP Panel PC

KEY FEATURES

- 12.1" 1024 x 768 with P-CAP 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
- Plenty of I/O, including 2 x LAN, 1 x COM, 1 x USB 3.0, 1 x USB 2.0, 1 x HDMI
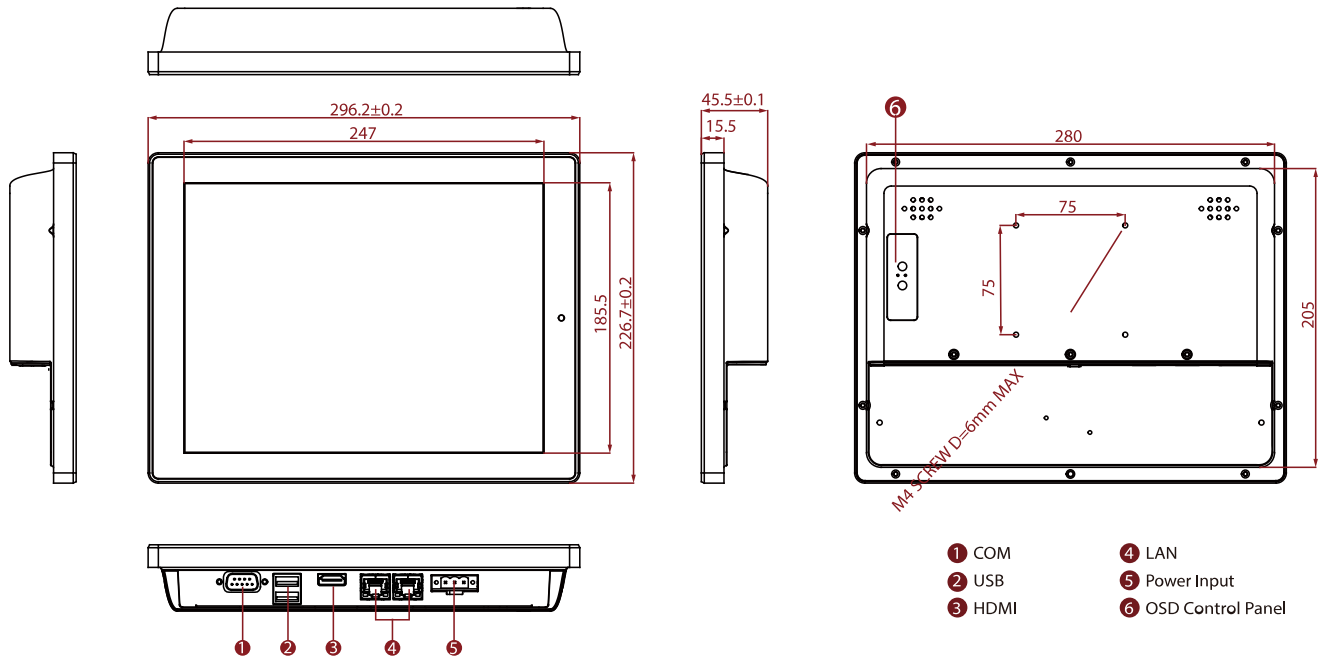
CE FC

SPECIFICATIONS

Display

Touch / Glass	Projected Capacitive Multi Touch Screen	**Resolution**	1024x768
Size	12.1 inches	**Contrast Ratio**	1000:1
Panel Brightness	500 nits 1000 nits(Optional)	**View Angles**	89,89,89,89
Active Area	245.76 x 184.32 mm		

System Specification

Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	**Memory**	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)	**Ethernet controller**	2 x Intel® Gibabit Ethernet Controller
Operating System	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)	**WLAN**	Support (Optional)
BT	Support (Optional)		

Environment

Operating Humidity	10% to 90% (Non-Condensing)	**Operating Temperature**	0~50°C
Storage Temperature	-20~60°C	**Shock**	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	**IP rating**	Front IP65

Certification

Certification	CE, FCC

IO Ports

USB Port	1 x USB2.0 1 x USB3.0	**Serial Port**	1 x RS232(Default)/422/485
Video	1 x HDMI (Optional)	**Audio**	2 x Speaker
LAN	2 x RJ-45		

Mechanical

Dimension	296.2 x 226.7 x 45.5 mm	**Mounting**	VESA Mount/ Panel Mount
Enclosure	Aluminum	**Cooling System**	Fanless Design

Accessory

Accessory	Quick Start Guide(Hardcopy)

	Driver CD & User Manual AC Adapter Power Cable

Power

Power Rating	12V DC in
	9-36V DC (Optional)

Control

Button	1 x Power Button 1 x Reset Button

DIMENSIONS   UNIT:MM

❶ COM	❹ LAN
❷ USB	❺ Power Input
❸ HDMI	❻ OSD Control Panel

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.