

R12IB3S-GSM2(HB)

12.1" Intel® Celeron® N2930 G-WIN GS-Series Full IP65 PCAP Panel PC



KEY FEATURES

- 12.1" 1024 x 768 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- Intel® Celeron® Bay Trail-M N2930 1.83 GHz
- Fanless cooling system and ultra-low power consumption
- Edge-to-edge design
- Full IP65 design with Special M12 Waterproof connectors
- 1 x LAN, 1 x RS232, 1 x USB 2.0



SPECIFICATIONS

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen Protection Glass (Optional)	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® Ethernet Controller I210-AT
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)	WLAN	Support (Optional)
BT	Support (Optional)		
Environment			
Operating Humidity	10% to 95% RH	Operating Temperature	-15 °C to 55 °C
Storage Temperature	-30°C to 60°C	Shock	40g for 11ms
Vibration	1.48/1.90/2.24 g rms for XYZ/ 5-500Hz	IP rating	Full IP65
Certification			
Certification	Compliant with MIL-STD-810F/G for vibration / shock, CE, FCC		
IO Ports			
USB Port	1 x USB 2.0 (M12 type)	Serial Port	1 x RS232 (M12 type)(Optional 422/485)
LAN	1 x LAN-10/100/1000 (M12 type)	Indicator	LED Indicators: Power, Storage
Mechanical			
Dimension	296.2 x 226.7 x 45.5 mm	Mounting	VESA Mount/ Panel Mount
Enclosure	Aluminum	Cooling System	Fanless Design
Power			

Power Rating 9-36V DC (M12 type)

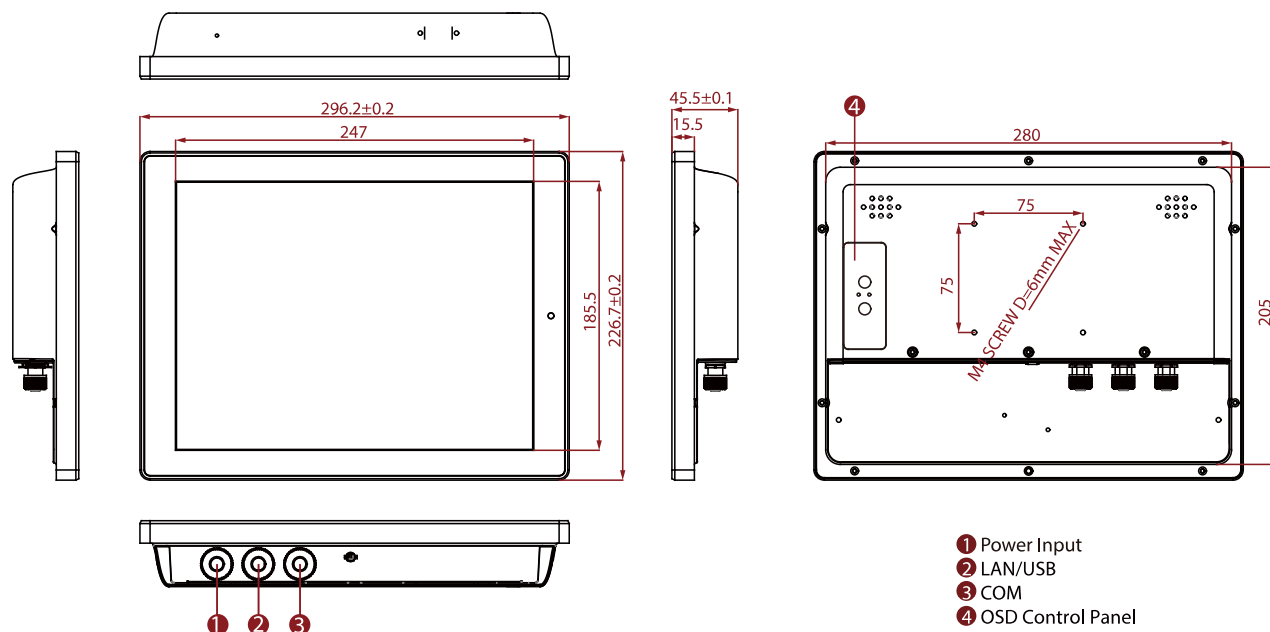
Accessory

Accessory Quick Start Guide (Hardcopy)
Driver CD & User Manual
M12 Power Cable
M12 Serial Interface Cable
M12 USB/ LAN Cable
I/O Protective Cap x 3

Control

Button 1 x Power Button
1 x Reset Button

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.