

# W10IB3S-MRH2

## 10.1" Intel® Celeron® N2930 Flat PCAP ECDIS Marine Panel PC



### KEY FEATURES

- 1280 x 800 resolution
- P-Cap multi-touch screen
- Front IP65 and full IP44 ratings
- Isolated connectors (M12 type)
- Wireless communications - Wi-Fi, WWAN, GPS (optional)
- Optical bonding with touch screen available on request



### 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	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA SSD 128GB 256GB (Optional) 512GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)	WLAN	Support (Optional)
BT	Support (Optional)		
Environment			
Operating Humidity	5% to 95%	Operating Temperature	-15~55°C
Shock	15G, 11ms duration	Vibration	0.7g@DNVGL CG-0339 (Class A)
IP rating	IP66 (Front Side)		
Certification			
Certification	CE / FCC IEC 60945 4th Edition (Test Report Available)		
IO Ports			
USB Port	1 x USB2.0 (M12 type)	Serial Port	2 x RS-422 (M12 type)
LAN	1 x Gigabit LAN (M12 type)		
Mechanical			
Dimension	263 x 172 x 40.5 mm	Weight	2.9 kg
Mounting	VESA Mount	Enclosure	Metal
Cooling System	Fanless Design		
Power			
Power Rating	9-36V DC (M12 type)	Consumption	30W (Typical)

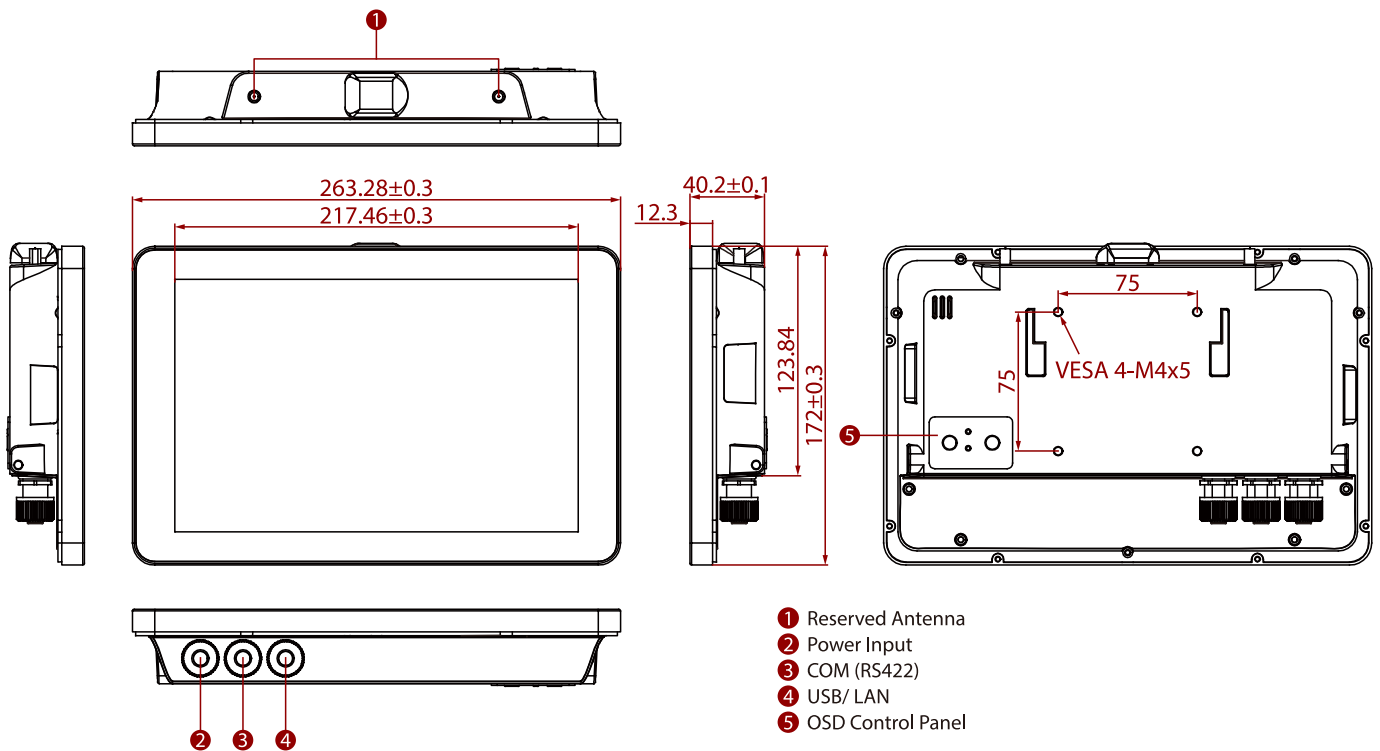
## Accessory

<b>Accessory</b>	User Manual (Hardcopy) 1 x Driver CD 1 x External M12 Power Cable 1 x AC Adapter 1 x Power Cord 1 x 3 Pin Terminal Block (Phoenix type) 1 x External M12 USB/LAN Cable 1 x RS-422 M12 Cable 3 x I/O Protective Cap
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## Control

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



- ① Reserved Antenna
- ② Power Input
- ③ COM (RS422)
- ④ USB/ LAN
- ⑤ 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.