R12IB3S-PCM2-POE

12.1" Intel® Celeron® N2930 S Series HMI Panel PC

KEY FEATURES

- 12.1” 1024 x 768 Resolution with Projected Capacitive MultiTouch (PCAP)
- Fanless cooling system and ultralow power consumption
- Support PoE function
- Optional 2MP Front Camera
- Optional HF RFID Reader
- Stylish design for room booking, access control, and room information applications
- Front IP65 Water and Dust Proof

SPECIFICATIONS

Display			
Resolution	1024x768	**Size**	12.1 inches
Contrast Ratio	700:1	**Panel Brightness**	500 nits
View Angles	89,89,89,89	**Active Area**	245.76 x 184.32 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
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 M.2 2242 SSD 64GB. M.2 2242 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)	**RFID**	HF RFID Reader 13.56 MHz (Optional)
Mechanical			
Dimension	296 x 227 x 46 mm	**Mounting**	Panel mount VESA Mount
Enclosure	Metal Housing	**Cooling System**	Fanless design
Cut out	282x207 mm		
Environment			
Operating Humidity	10% to 90% (non-condensing)	**Operating Temperature**	0~50°C
Storage Temperature	-20~60°C	**IP rating**	Front IP65
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12V DC, 3-Pin Terminal Block	**USB Port**	1 x USB3.0 (Type-A) 1 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)	**Audio**	1 x Speaker
Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD)	**LAN**	1 x Giga LAN RJ45 Connector with PoE(PD, 802.3 at)

	1 x Giga LAN RJ45 Connector

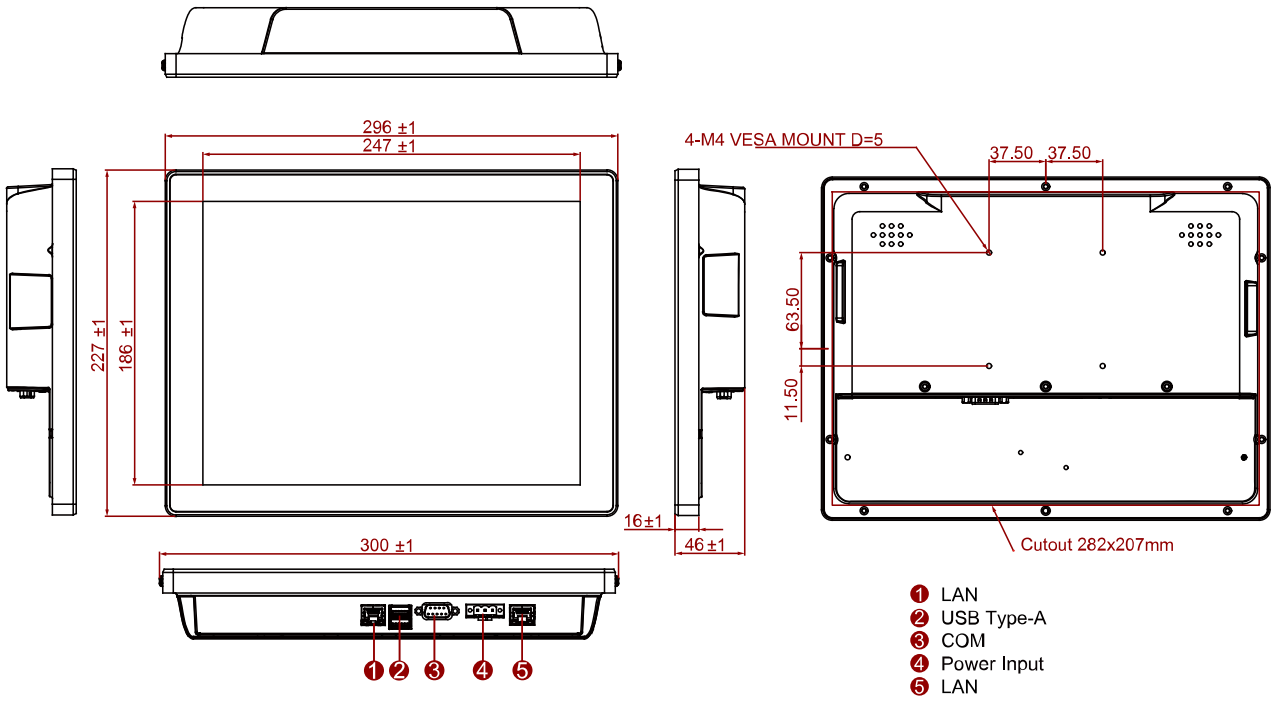
Accessory

Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector Driver CD & Manual VESA screws

Power

Power Rating	12V DC 9~36V (Optional)	**Adapter**	12V 50W
POE	PoE (PD): follows IEEE 802.3at (25 W)		

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. 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.
3. All specifications are subject to change without prior notice.