

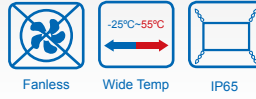
# Rugged Panel PC



Model:W12IB3S-VMM9

## Product Features:

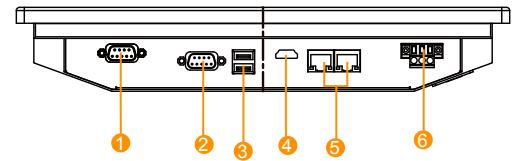
- Ultra Low Bay Trail N2930 1.83GHz Processor Fanless Design
- 4 Wire resistive touch screen
- -25 ~ +55°C Wide Range Operating Temperature
- Anti-Corrosion housing with Fanless Design
- 9V ~ 36V DC Isolation Wide Range Power (default)
- Anti-Shock & Vibration compliant with MIL-STD-810F
- Optional 6-60V DC Input, and Optional for Ignition On/Off delay
- Compliant with EN50155



## Product Specifications:

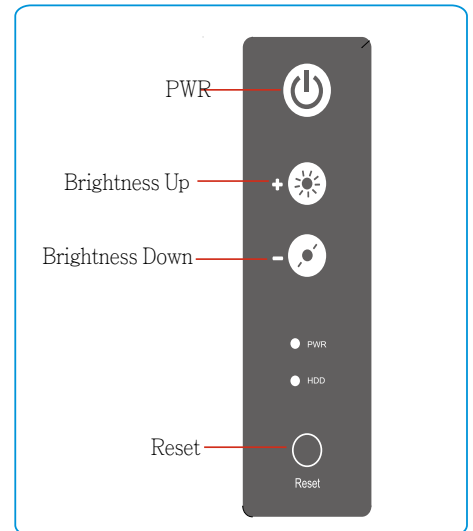
Display	Model Name	W12IB3S-VMM9
	Size	12.1"
	Resolution (pixels)	1280 x 800
	Number of Colors	262,144 (6bits/color)
	Brightness (cd/m2)	400
	Contrast Ratio	1000 :1
	Viewing Angle	-88~88 (H) ; -88~88 (V)
	Active Area	261.12 (H) x 163.2 (V)
System	Touch (optional)	4 wire resistive
	Processor	Intel@Bay Trail N2930 1.83Ghz Processor
	Chipset	Bay Trail SoC Chipset
	BIOS	AMI 16Mbit Flash
	Memory	1xDDR3L 1066 / 1333 MHz SO-DIMM Max. 8GB
	Ethernet	Intel@WG82574L GbE LAN
	Storage	mSATA SSD
Input/Output	1 x USB 3.0, 1 x USB 2.0	
	1 x HDMI	
	1 x RS-232	
	1 x RS-232/422/485	
	1 x DC-IN Terminal Block	
	1 x WLAN or 3G Antenna in top (optional)	
Environment	Operating Temperature	-25 ~55°C
	Storage Temperature	-30 ~70°C
	Humidity	10 ~ 95% non-condensing
	Shock	MIL-STD-810F/EN50155
	Vibration	MIL-STD-810F/EN50155
	Power Input	9~36V DC in (Phoenix type) Optional 6-60V DC in, with Ignition On/Off delay
Safety	Compliance with EN50155, MIL-STD 810F	
Driver OS Support	Windows Embedded 7, Windows Embedded 8, Windows 10 IoT Enterprise	
Mechanical	Dimension(W x H x D)	310 x 215 x 52.7 mm
	Approximate Weight	2.8 kg*
Packing List	(IB32) SBC Manual & Driver CD	
Security Support	Trusted Platform Module (TPM 1.2)	

## I / O View:



1. RS232
2. RS232/422/485
3. 1xUSB 2.0, 1xUSB 3.0
4. HDMI
5. 2xRJ45
6. Terminal Block 9~36V

## Front OSD Control Function:



## Drawing w/o Mounting bracket:

