

# Rugged Panel PC

**Rugged Portable Full IP67 Panel PC Intel Bay Trail N2930 1.83GHz 15" LCD 1000nits Full NEMA4 Wide Temperature and Dust/water resistant Protection, Intel N2930 1.83GHz ; RAM : 4GB ; mSATA SSD : 64GB ; OS : Windows 10 IoT ; Resistive touch,Built-in ambient Light sensor, Design to meet EN50155**  
**Model: WRDPC1500M5HB-J**

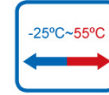


## Features:

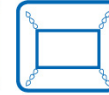
- Ultra Low Bay Trail N2930 1.83GHz Processor Fanless Design
- High Quality 15" Panel, 1024\*768 resolution, 250 nits (Optional for 1000 nits)
- Front IP65 Dust/ Water proof design with VESA mount
- Aluminum Housing with Anti-Corrosion Treatments
- Built-in ambient Light sensor
- Wide Range 9 to 36V DC Input with isolation
- Optional 6-60V DC Input, and Optional for Ignition On/Off delay
- 5 Wire Resistive Touch / Anti-Reflective Protection Glass (Optional)
- Optional GPS, 3G/WLAN(Either one). Digital IO/Canbus(Either one)



Fanless



Wide Temp



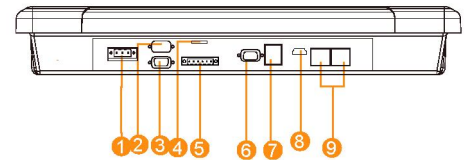
IP65



## Product Specifications:

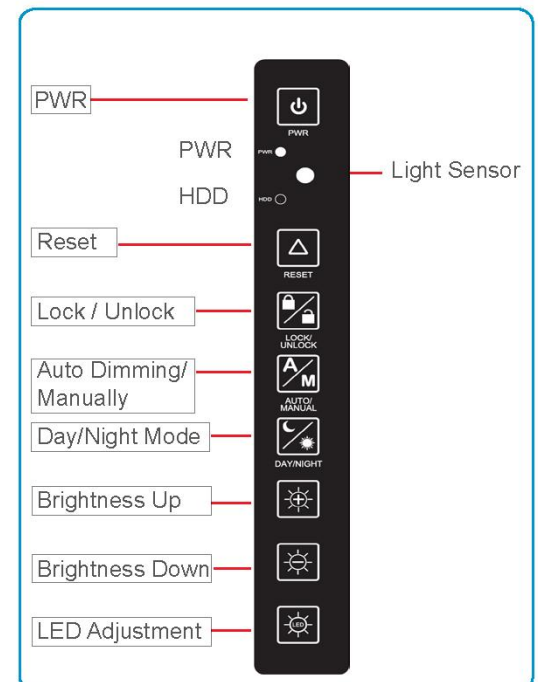
<b>Display</b>	Size	15"	
	Resolution (pixels)	1024 x 768	
	Number of Colors	16.2 M (8 bit) / 262K (6 bit)	
	Brightness (cd/m <sup>2</sup> )	1000nits	
	Contrast Ratio	700:1	
	Viewing Angle	-80~80 (H) ; -70~70 (V)	
	Active Area	304.1 (H) x 228.1 (V)	
	Touch (optional)	5 Wire Resistive (Default)	
	<b>System</b>	Processor	Intel® Bay Trail N2930 1.83Ghz Processor
		Chipset	Bay Trail SoC Chipset
BIOS		AMI 16Mbit Flash	
Memory		1xDDR3L 1600 / 1333 MHz SO-DIMM, default 4GB, Max. 8GB	
Ethernet		Intel® I210-AT GbE LAN	
Storage		mSATA SSD, default 64GB	
Expansion Slot		1 x Mini PCIe slot (for wireless module) 1 x Mini PCIe slot (for SATA SSD)	
<b>Input / Output</b>		1 x USB 3.0, 1 x USB 2.0	
	1 x HDMI		
	1 x RS-232		
	1 x RS-232 (Optional)		
	1 x RS-232/422/485		
	1 x 9~36V Terminal Block		
	1 x CanBus / Digital IO (Optional)		
	1 x SIM Card Slot (Optional)		
<b>Environment</b>	Operating Temperature	-10 ~ 55°C	
	Storage Temperature	-30 ~ 70°C	
	Humidity	10 ~ 95% non-	
	Shock	MIL-STD-810F/G	
	Vibration	MIL-STD-810F/G	
	Power Input	9~36V DC in with isolation (Phoenix type) Optional 6-60V DC in, with Ignition On/Off delay	
	Safety	Compliance with MIL-STD-810F/G	
	<b>Driver OS Support</b>	Windows Embedded Standard 7 (64-bit)	
Windows Embedded 8.1 Industry Pro 64-bit			
Windows 10 IoT Enterprise			
<b>Mechanical</b>	Dimension(W x H x D)	398 x 308 x 58mm	
	Approximate Weight	4.9 kg*	
	*Weight of this device will be more or less depending upon actual component		
<b>Packing List</b>	(IB32) SBC Manual & Driver CD		
<b>Product Optional Items</b>	Mounting bracket	One robust bracket with locking handle (Can adjust from -5 deg. to 90 deg.)	
	Sunlight Readable	Transflective film enhancement for optional	
	Anti-reflective Glass	3 mm (Replace touch)	
	WLAN / 3G	Either one	
	GPS	USB interface	
	Digital IO / Canbus	Either one	
<b>Security Support</b>	Trusted Platform Module (TPM 1.2)		

## I/O View



1. 9~36V Terminal Block
2. RS-232 (Optional)
3. RS-232
4. SIM Card Slot (Optional)
5. CanBus / DIO (Optional)
6. RS232/422/485
7. 1xUSB 3.0, 1xUSB 2.0
8. HDMI
9. 2xRJ45

## Front OSD Control Function



**Drawing w / Mounting Bracket:**

