

# Rugged Panel PC

High Quality 10.4" Panel, 1024 x 768 resolution, Full IP65 Dust / Water Proof Enclosures (Except I/O parts) with Intel® Core i5-4200U Haswell 1.6 GHz (Turbo max 2.6 GHz)



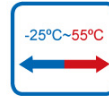
Model: WRDC0140X-i5

## Features:

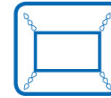
Intel® Core i5-4200U Haswell 1.6 GHz (Turbo max 2.6 GHz)  
 High Quality 10.4" Panel, 1024 x 600 resolution  
 Full IP65 Dust / Water Proof Enclosures (Except I/O parts)  
 Aluminum Housing with Anti-Corrosion Treatments  
 Anti-Shock and Vibration Standard according to MIL-STD-810G & IEC60068-2-27  
 5 Wire Resistive / Infrared Touchscreen / Anti-Reflective Protection Glass (Optional)  
 Optional GPS, 3G / WLAN(Either one). Digital IO / Canbus (Either one)  
 Wide Range 9 to 36V DC Input Acceptable  
 Optional 6-60V DC Input, and Optional for Ignition On/Off delay  
 Compliance with EN50155



Fanless



Wide Temp



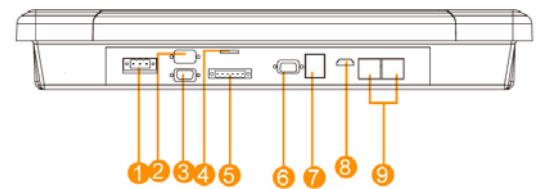
IP65



## Product Specifications:

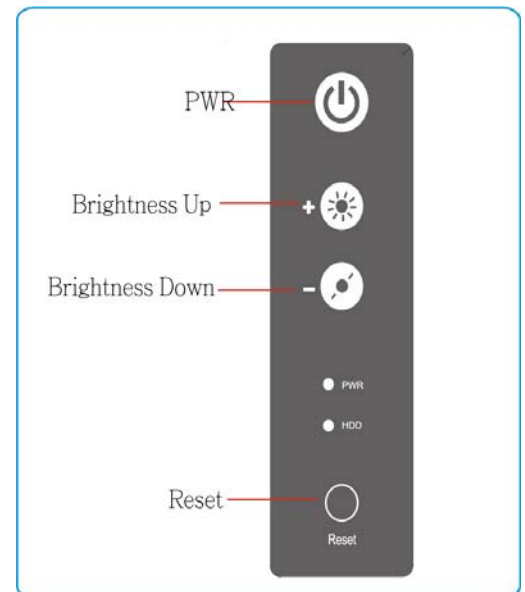
Display Characteristics	
Panel_Size	10.4"
Panel_Display Resolution	1024 x 768
Pixel Pitch(mm)	0.197(H) x 0.197(V)
Panel_Contrast Ratio	1200 :1 (typ.)
Panel_Brightness	350(typ.)
Panel_Viewing Angle	-88~88 (H); -88~88 (V)
Active Display Area	201.4 (H) x 157.8 (V)
Display Color	16.2M ( 6 bits+FRC )
Touch(Optional)	5 Wire Resistive / IR Touch
System Specification	
Processor	Intel® Core i5-4200U Haswell 1.6 GHz (Turbo max 2.6 GHz)
BIOS	AMI System BIOS
Memory	1xDDR3L 1600 MHz SO-DIMM Max. 4GB
Storage	Default 64GB mSATA MLC SSD Max.512GB
Security Support	Trusted Platform Module (TPM 1.2)
I/O Connectors	
Back Panel I/O Port	2 x RJ-45 (10/100/1000 Mbps) 1 x HDMI 1 x DC-in Jack (Phoenix type) 2 x USB 3.0 1 x RS232/422/485, 1 x RS232 (Select by BIOS) WLAN antenna SMA in top (Optional)
In Front Control	
Control Button	Power On/ Off Brightness Up (up to 100%) Brightness Down (dim to 0%)
Led indicator	Power On/ Off HDD Status
Mechanical and Environment	
Dimensions (W x L x H)	315 mm x 250 mm x 67 mm
Power Input	9~36V DC in (Phoenix type) Optional 6-60V DC in, with Ignition On/Off delay
Power Consumption	32W typ.
Operation Humidity	10% to 95% (non condensing)
Vibration*	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz
Mounting	Mounting Bracket and Kits
Shock	Operating:30g for 18ms, 300m/s <sup>2</sup>
Product Option Items	
Sunlight Readable	Transflective film enhancement for optional
OS	Windows Embedded 8.1 Industry Pro 64-bit Windows Embedded Standard 7 (64-bit)
Touch / Anti-reflective Glass	3 mm (Replace touch)
Packing List	(IH32) SBC Manual & Driver CD
Security Support	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. 2xUSB 3.0
8. HDMI
9. 2xRJ45

## Front OSD Control Function



Drawing w / mounting bracket:

