

Rugged Panel PC

High Quality 10.4" Panel, 800 x 600 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) with Resistive Touch

Model: WRDC0140-i5-TR

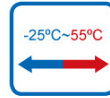


Features:

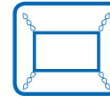
Intel® Core i5-4200U Haswell 1.6 GHz (Turbo max 2.6 GHz)
 High Quality 10.4" Panel, 800 x 600 resolution
 Full IP65 Dust / Water Proof Enclosures (Except I/O parts)
 Aluminum Housing with Anti-Corrosion Treatments
 Anti-Shock and Vibration Standard according to MIL-STD-810G & IEC60068-2-27
 5 Wire Resistive / 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	800 x 600
Pixel Pitch(mm)	0.264 (H) x 0.264 (V)
Panel_Contrast Ratio	400 :1 (typ.)
Panel_Brightness	400 (typ.)
Panel_Viewing Angle	-70~70 (H) ; -70~60 (V)
Active Display Area	211.20 (H) x 158.40 (V)
Display Color	262K
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)

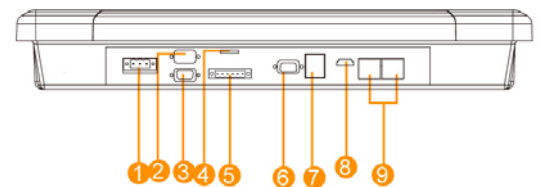
I/O Connectors	
Back Panel I/O Port	2 x RJ-45 (10/100/1000 Mbps) 1 x HDMI 1 x DC-in Jack (Phoenix type) 2 x USB 3.0 1 x RS232/422/485, 1 x RS232 (Select by BIOS) WLAN antenna SMA in top (Optional)

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 ²

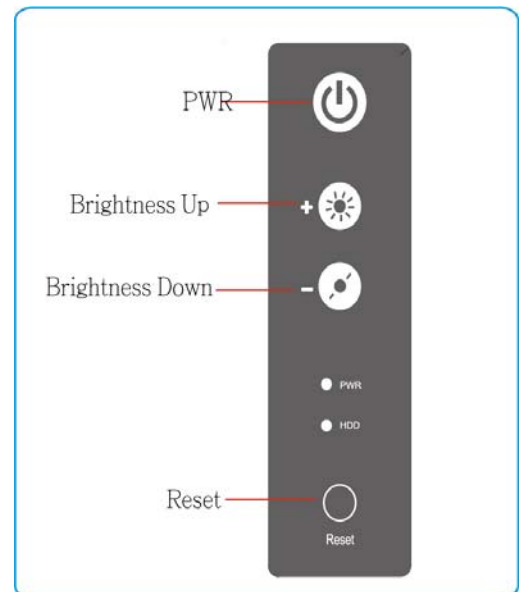
Product Option Items	
Sunlight Readable	Transflective film enhancement for optional
OS	Windows Embedded 8.1 Industry Pro 64-bit (Only support Desktop Mode) Windows Embedded Standard 7 (64-bit)
Touch / Anti-reflective Glass	3 mm (Replace touch)
Packing List	(IH32) SBC Manual & Driver CD
Security Support	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:

