

# Rugged Panel PC

High Quality 10.4" Panel, 1024 x 768 resolution, Intel®Atom D2550 1.86 GHz Processor. Wide range operating temperature (-25 to 55 deg.)



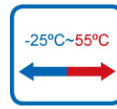
Model: WRDC0140XCT

## Features:

- Intel®Atom D2550 1.86 GHz Processor
- High Quality 10.4" Panel, 1024 x 768 resolution
- 10 user-defined function keys on the bezel
- Ignition on/off delay for power management
- Customized software to control ignition on/off delay
- Wide range input voltage 6-60 Volt
- Wide range operating temperature (-25 to 55 deg.)
- Optional GPS, 3G / WLAN(Either one). Digital IO / Canbus (Either one)
- Optional 6-60V DC Input, and Optional for Ignition On/Off delay
- Compliance with EN50155



Fanless



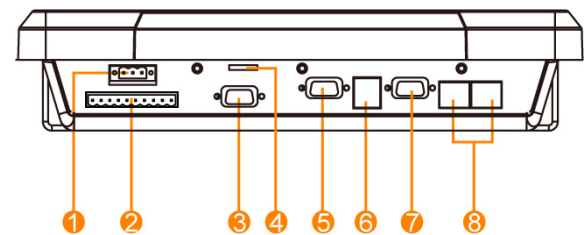
Wide Temp



## Product Specifications:

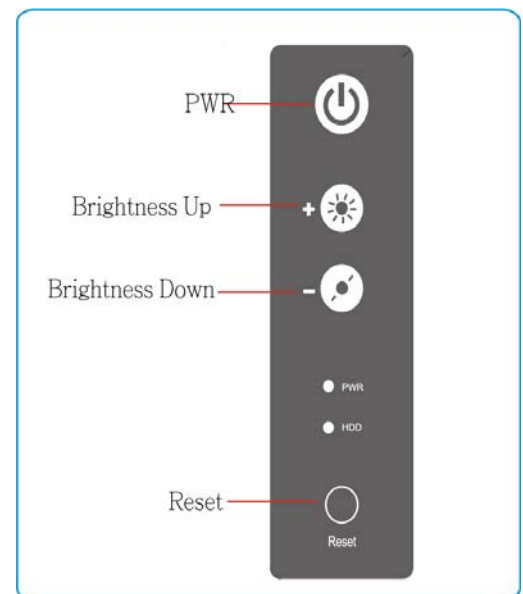
Display	
Size	10.4"
Resolution (pixels)	1024 x 768
Number of Colors	16.2M ( 6 bits+FRC )
Brightness (cd/m2)	350 (typ.)
Contrast Ratio	1200 :1 (typ.)
Viewing Angle	-88-88 (H) ; -88-88 (V)
Active Area	201.4 (H) x 157.8 (V)
Touch (optional)	5 Wire Resistive / IR Touch
System	
Processor	Intel® Atom D2550 1.86 GHz Processor
Chipset	Intel® NM10 Chipset
BIOS	AMI 16Mbit Flash
Memory	1xDDR3 800/1066 MHz SO-DIMM Max. 4GB
Ethernet	Broadcom BCM57780 GbE Controller
Storage	2.5" SSD
Expansion Slot	1 x Mini PCIe slot (for wireless module)
Wireless (Optional)	1 x Mini PCIe slot (for SATA SSD)
Input / Output	
Back Panel I/O Port	2 x RJ-45 (10/100/1000 Mbps) 1 x VGA(DB-15) 1 x DC-in Jack (Phoenix type) 2 x USB 2.0 1 x RS232/422/485, 1 x RS232 WLAN antenna SMA in top (Optional)
Environment	
Operating Temperature	-25 deg.C to 55 deg.C
Storage Temperature	-30 deg.C to 70 deg.C
Humidity	10% to 95% (non condensing)
Shock	Operating:30g for 18ms, 300m/s <sup>2</sup>
Vibration	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz
Power Input	9-36V DC in (Phoenix type) Optional 6-60V DC in, with Ignition On/Off delay
Power Consumption	30W typ.
Mechanical	
Dimensions (W x L x H)	315 mm x 250 mm x 67 mm
Approximate Weight	3.3 kg*
Driver OS Support	Windows 7 embedded / Windows XP embedded
Certifications	CE/FCC ClassB, MIL810F / IEC60068-2-27 for Vibration / Shock
Packing List	ID30 Atom SBC User's Manual User's Manual (ID30) SBC Manual & Driver CD
Product Optional Items	
Mounting Bracket and Kits	One robust bracket with locking handle (Can adjust from -5 deg.C to 90 deg.C)
Sunlight Readable	N/A
Anti-reflective Glass	3mm (Replace touch)
WLAN	Mini PCIe base Wireless LAN card with SMA antenna
GPS	USB interface, MTK chip
Digital IO / Canbus	Either one

## I/O View



1. DC in 9~36V
2. CanBus / DIO (Optional)
3. COM4
4. 3G SIM Card (Optional)
5. VGA
6. USB
7. COM1
8. LAN

## Front OSD Control Function



## 10-programmable Fn Keys:



Drawing w / mounting bracket:

