

# Rugged Panel PC

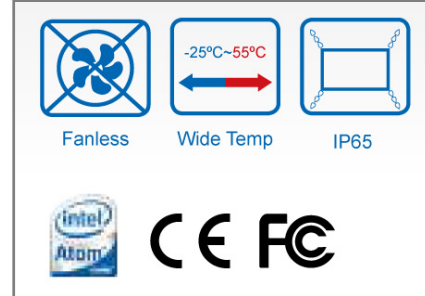
12.1" Panel PC Ultra Low Power with Atom D2550 1.86GHz Dual-core Processor with Resistive Touch

Model: WRDC0120CT-TR



## Features:

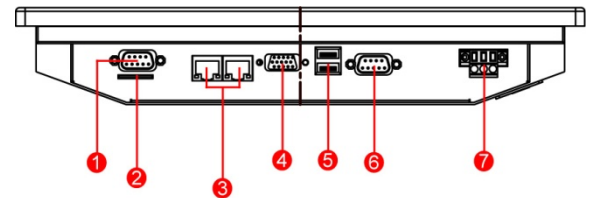
- Ultra Low Power Atom D2550 1.86GHz Dual-core Processor
- 4 Wire resistive touch screen
- 25~+55°C Wide Range Operating Temperature
- Anti-Corrosion housing with Fanless Design
- 9V~36V DC Isolation Wide Range Power (default)
- Optional 6-60V DC Input, and Optional for Ignition On/Off delay
- Anti-Shock & Vibration compliant with MIL-STD-810F
- Compliant with EN50155



## Product Specifications:

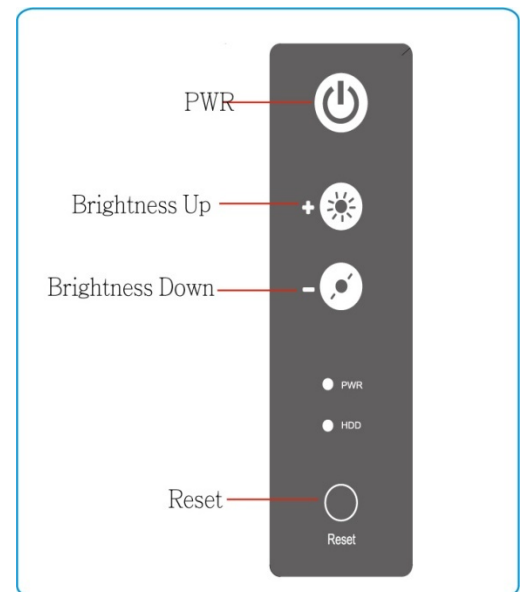
Display Characteristics	
Panel_Size	12.1"
Panel_Display Resolution	1280x800
Pixel Pitch(mm)	0.204 (H) x 0.204 (V)
Panel_Contrast Ratio	1000:1 (typ.)
Panel_Brightness	400 (typ.)
Panel_Viewing Angle	-88~88 (H); -88~88 (V)
Active Display Area	261.12 (H) x 163.2 (V)
Display Color	262K/16.2M
Touch(Optional)	4 Wire Resistive Touch
System Specification	
Processor	Intel® Atom D2550 1.86GHz Dual-core Processor
BIOS	AMI 16Mbit Flash
Chipset	Intel® NM10 Chipset
Memory	1 x SODIMM, Max 4GB DDR3 800/1066
Wireless (Optional)	1x Mini PCI-E base Wireless LAN card with SMA antenna
Lan Controller	Dual Broadcom BCM57780 Ethernet
Storage	Mini-PCIe SSD
I/O Connectors	
Back Panel I/O Port	2 x RJ-45(10/100/1000 Mbps), 1 x VGA(DB-15), 1 x DC-in Jack(Lockable), 2x USB 2.0, 1x RS232, 1x for RS232/422/485*(Optional), Line in, Line out, Micro in WLAN antenna SMA in top(Optional)
In Front Control	
Control Button	Power On/ Off Reset Brightness Up (up to 100%) Brightness Down (dim to 0%)
Led indicator	Power On/ Off HDD StatusM
Mechanical and Environment	
Dimensions (W x L x H)	310 mm x 215 mm x 52.7mm
Net Weight (kg) (with touch)	2.8
Power Input	9~36V DC in (Phoenix type) Optional 6-60V DC in, with Ignition On/Off delay
Panel_Operating Temp	-25 deg.C to 55 deg.C
Operation Humidity	10% to 95% (non condensing)
Shock*	Operating:30g for 18ms, 300m/s2
Vibration*	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz
Certifications	CE, FCC ClassB MIL-STD-810F/ IEC60068-2-27 for Vibration /Shock EN50155 Compliance
Product Option Items	
Sunlight Readable	Transflective film enhancement (Optional)
OS	Windows XP embedded, Windows7 embedded
Storage	Mini-PCIe SSD
Touch / Anti-reflective Glass	Infrared Touchscreen, 3mm Anti-reflective Protection Glass
WLAN	Mini-PCIe base Wireless LAN card with SMA antenna

## I/O View



- |                             |                               |
|-----------------------------|-------------------------------|
| 1.RS-232/422/485 (Optional) | 4.VGA                         |
| 2.SIM Slot                  | 5.USB                         |
| 3.LAN                       | 6.RS-232                      |
|                             | 7.DC Terminal Block (default) |

## Front OSD Control Function



Drawing w / mounting bracket:

