

Rugged Panel PC

High Quality 8.4" Panel, 800 x 600, Full IP65 Dust / water resistant Protection. Intel® Atom D2550 1.86 GHz Processor Fanless Design

Model: WRDC084CT



Features:

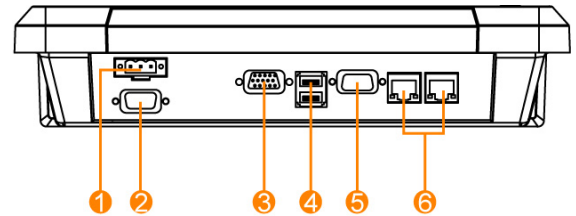
- Intel® Atom D2550 1.86 GHz Processor Fanless Design
- High Quality 8.4" Panel, 800 x 600 resolution
- Full IP65 Dust / water resistant Protection (Except I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL810F & IEC60068-2-27
- 4 Wire Resistive Touchscreen / Anti-Reflection Protection Glass (Optional)
- 802.11b/g Wireless LAN with Antenna (Optional)
- Wide Range 9 to 36V DC Input Acceptable
- Optional 6-60V DC Input, and Optional for Ignition On/Off delay
- Compliance With EN50155



Product Specifications:

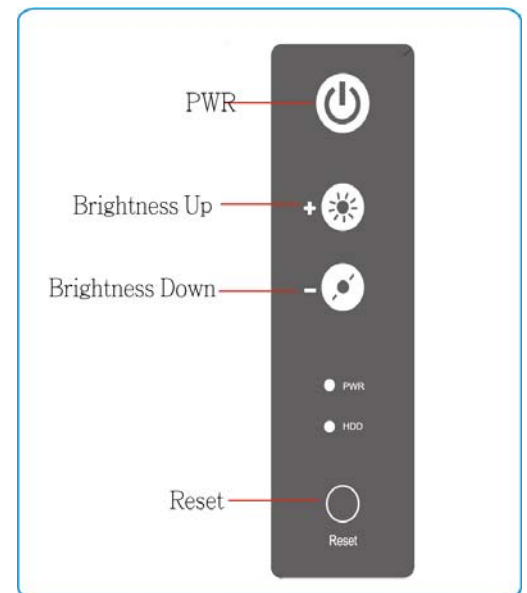
Display	
Size	8.4"
Resolution (pixels)	800 x 600
Number of Colors	262,144 (6bits/color)
Brightness (cd/m2)	400 (typ.)
Contrast Ratio	600:1
Viewing Angle	-75 ~ 75 (H) ; -70 ~ 60 (V)
Active Area	170.4 (H) x 127.8 (V)
Touch (optional)	4 wire / 5 wire resistive
System	
Processor	Intel® Atom D2550 1.86 GHz Processor
Chipset	Intel® NM10 Chipset
BIOS	AMI 16Mbit Flash
Memory	1 x SODIMM, Max 4GB DDR3 800/1066
Ethernet	Broadcom BCM57780 GbE Controller
Storage	Mini PCIe SSD
Expansion Slot	1 x Mini PCIe
Wireless (Optional)	1 x Mini PCIe base Wireless LAN card with SMA antenna
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 ²
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	40W Max. Backlight & High CPU Load
Mechanical	
Dimensions (W x L x H)	277 mm x 219.5 mm x 59.7 mm
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

I/O View



1. DC Terminal Block (Default)
2. COM4
3. VGA
4. USB
5. COM1
6. LAN

Front OSD Control Function



Drawing w / mounting bracket:

