

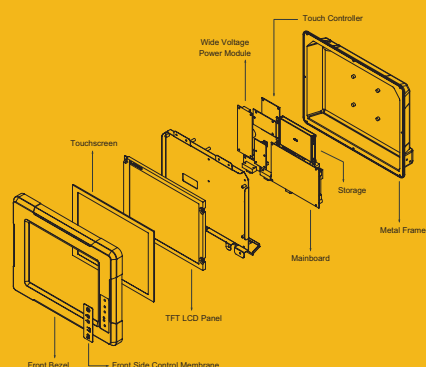
G-WIN[®] Ruggedized Panel PC

Model Number : R08IA3S-VMT1



Optional for Mounting Bracket

Modularized Construction



FRONT VIEW



BOTTOM VIEW

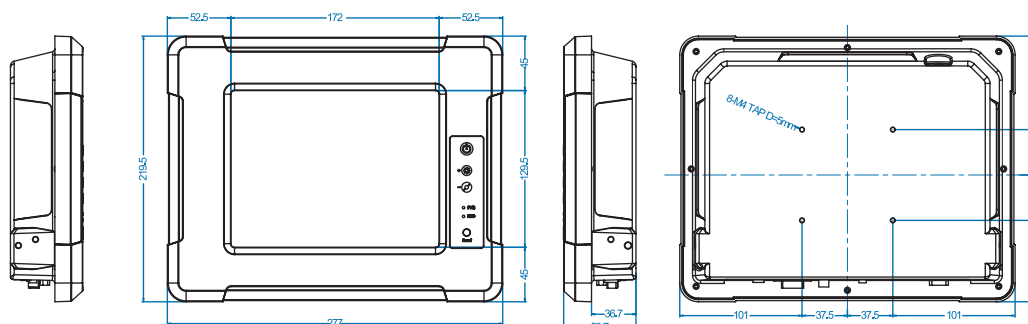


Features :

- Intel® Atom N270 1.6 GHz Processor Fanless Design
- High Quality 8.4" Panel, 800x600 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
- 5 Wire Resistive Touchscreen / Anti-Reflection Protection Glass (Optional)
- 802.11b/g Wireless LAN with Antenna(Optional)
- Wide Range 8 to 36V DC Input Acceptable(Optional)
- Transflective Sunlight Readable(Optional)

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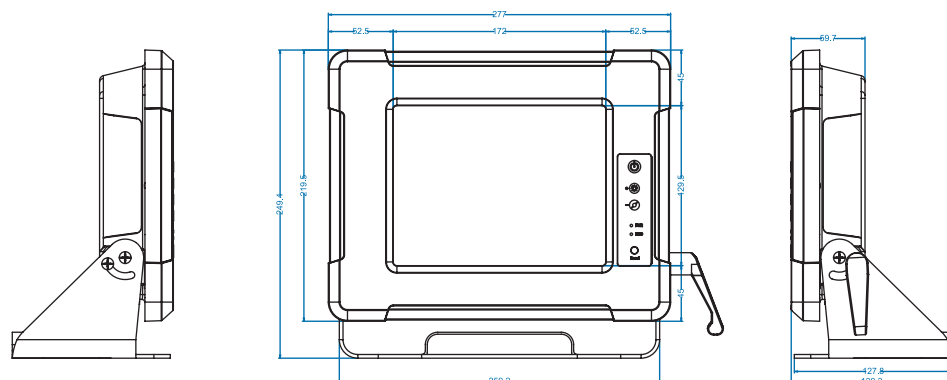
SIDE VIEW

FRONT VIEW

SIDE VIEW

VIEW

Drawing w / Mounting Bracket



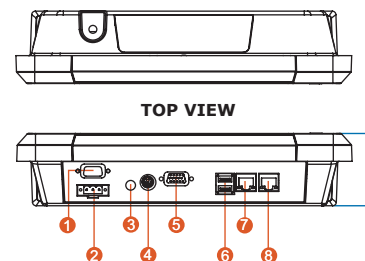
SIDE VIEW

FRONT VIEW

SIDE VIEW

Measurements shown in mm / All Dimensions are ± 0.5 mm

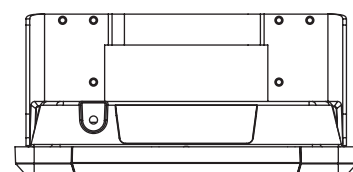
* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.



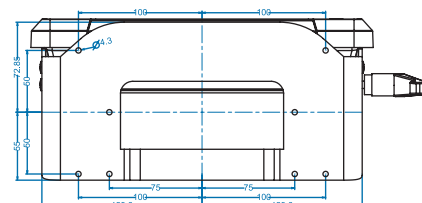
TOP VIEW

BOTTOM VIEW

- 1.COM1
- 2.DC Terminal Block (optional)
- 3.DC Lockable Input (Default)
- 4.PS/2
- 5.VGA
- 6.USB 1.2
- 7.LAN1
- 8.LAN2



TOP VIEW



REAR VIEW

TFT Characteristics

Pixel Number	: 800 x 600
Pixel Pitch(mm)	: 0.213 (H) x 0.213 (V) mm
Contrast Ratio	: 250 : 1 (typ.)
Brightness	: 350 cd/m ² (typ.)
Viewable Angle(CR>=10)	: 100 (H); 90 (V)
Active Display Area	: 170.4(H) x 127.8(V) mm
Max Colors	: 262,144 (6bits/color)

SBC Specifications

Processor	: Intel® Atom N270 1.6 GHz Processor
BIOS	: AMI 4Mbit Flash
System Chipset	: Intel® 945GSE / ICH7M Chipset
System Memory	: 1 x SODIMM, Max 2GB DDR2 667/533
Wireless (Optional)	: 1 x Mini PCI base Wireless LAN card with SMA antenna
LAN Controller	: Dual Realtek RTL8111B GigaLAN
Storage	: 4G Compact Flash Card
Expansion Slot	: 1 x Mini PCI, 1 x CF

I/O Connectors

Back Panel I/O Port : 2 x RJ-45(10/100 Mbps,Optional GigaLAN),
1 x PS/2, 1 x VGA(DB-15),
1 x DC-in Jack(Lockable),
2 x USB 2.0,
1 x RS232/422/485,
WLAN antenna SMA in top (Optional)

In front Control

Control Button	: Power On/ Off Reset Brightness Up Brightness Down
LED indicator	: Power On/ Off HDD Status

Mechanical and Environment

Dimensions (W x L x H)	: 277 mm x 219.5 mm x 59.7 mm
Power Input	: 12V DC w/ lockable connector
Power Consumption	: 55.5W typ.
Operation Temperature	: -10 deg.C to 55 deg.C
Operation 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

* When use Industrial Compact Flash

Certifications

CE
FCC ClassB
MIL810F/ IEC60068-2-27 for Vibration /Shock

Product Optional Items

Mounting Bracket and Kits	One robust bracket with locking handle (Can adjust from -5deg. to 90deg.)
Sunlight Readable	Transflective film enhancement for optional
Wide Temperature Range	N/A
Operation System	Windows XP embedded, Windows XP, Windows CE 5.0, Linux 2.6.11
Storage	4G Industrial Compact Flash Card
Anti-reflective Glass	3mm Anti-reflective Protection Glass (w/o Touch)
WLAN	Mini PCI base Wireless LAN card with SMA antenna
Wide Power Input Range	8V to 36V wide range acceptable for optional
Terminal Block	Pluggable 3pin terminal block power input

Rev.	Reasons	Revised Date
1.0	New Add	JAN-20-09