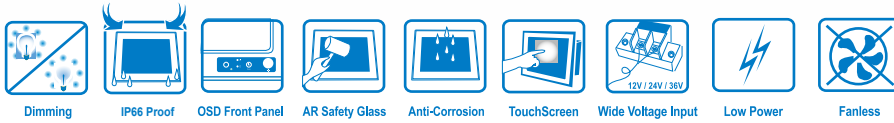


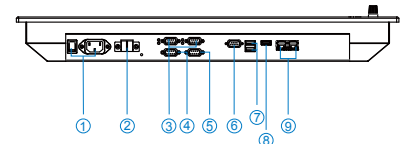
# 24" Marine Panel PC

Model#: W24L100-MRA1V3S



## Feature

- 24" FULL HD 1920 x 1080 TFT LCD
- Intel® Core i7-3517UE 1.7GHz Processor Turbo max 2.8GHz
- 1 x SO-DIMM DDR3 1333/1600 (max 8GB)
- Isolated Power Module

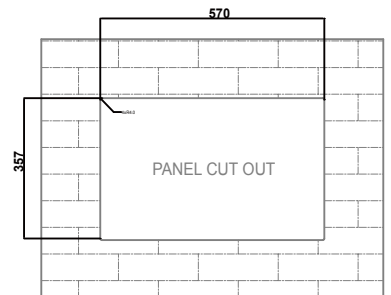
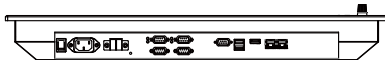
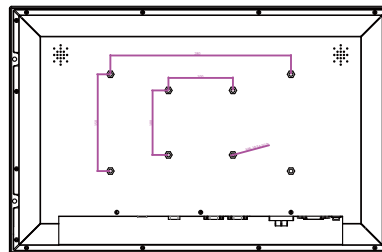
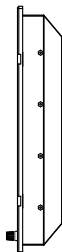
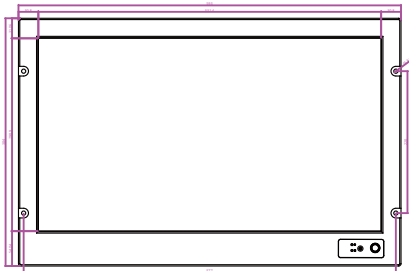


1. 1 x AC input (optional)
2. 1 x 9~36V DC input
3. 2 x Isolation RS422/485 (optional)
4. 1 x RS232
5. 1 x VGA output
6. 1 x RS232/422/485
7. 2 x USB3.0
8. 1 x HDMI
9. 2 x RJ45

FRONT VIEW

SIDE VIEW

BACK VIEW



CUT OUT DIMENSION

\* 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.

### TFT Characteristics :

|                     |                              |
|---------------------|------------------------------|
| Pixel Number        | : 1920 x 1080                |
| Pixel Pitch(R&B)    | : 0.276 (H) x 0.276 (V) mm   |
| Contrast Ratio      | : 5000:1(typ.)               |
| Light Intensity     | : 250cd/m2 (typ.)            |
| Viewable Angle      | : -89 ~ 89(H) ; -89 ~ 89(V)  |
| Active Display Area | : 531.36 (H) x 298.89 (V) mm |
| Max Colors          | : 16.7 (M) / 8 bit / colors  |

### SBC Specifications :

|                     |                                             |
|---------------------|---------------------------------------------|
| Processor           | : Intel®Core i7-3517UE 1.7GHz               |
| BIOS                | : AMI system BIOS                           |
| System Chipset      | : Intel®HM76                                |
| System Memory       | : 1 x SODIMM DDR3 1333/1600(max 8GB)        |
| Ethernet Controller | : Intel®82579-LM GbE PHY + Intel WG82574GbE |
| Serial              | : 1 x RS232 / 422 / 485                     |
| USB                 | : 2 x USB 3.0                               |
| Storage             | : 1 x mSATA 32GB /2.5" 320GB HDD (option)   |

### Power Specifications :

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| Power Supply Options | : 9 to 36 V DC power supply with Terminal block (Default) |
| Power Consumption    | : 110 W typical, normal operation                         |

### Mechanical and Environmental

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Mechanical Mounting   | : Panel (Flush) mount with IP66*, VESA, Bracket mounting |
| Operating Temperature | : -15 to 55 deg.C                                        |
| Operating Humidity    | : 5% to 95%(non condensing)                              |
| Anti-Vibration        | : 5Hz~500Hz / 1Grms / 3 Axis                             |
| Anti-Shock            | : 15G,11ms duration                                      |

### Input / Output Connectors

|              |                                                                      |
|--------------|----------------------------------------------------------------------|
| Ethernet LAN | : 2 x RJ45-10/100/1000 Mbps                                          |
| COM          | : 1 x RS232, 1 x RS232/422/485<br>2 x Isolation RS422/485 (optional) |
| USB          | : 2 x USB Type-A receptable                                          |
| Video Output | : 1 x HDMI, 1 x VGA                                                  |
| DC Power     | : 1 x DC Terminal block                                              |

### Available Options

|                         |                                        |
|-------------------------|----------------------------------------|
| Touch Screen Options    | : 5 Wire Resistive                     |
| AR Safety Glass Options | : 3mm Anti-reflective protection glass |

### Certification and Approvals

- CE, FCC

