



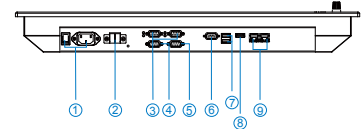
24" Marine Panel PC

Model#: W24L100-MRA1V3S



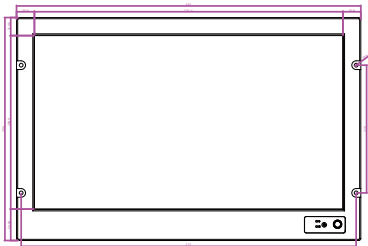
Feature

- 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

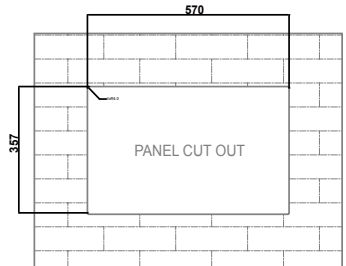
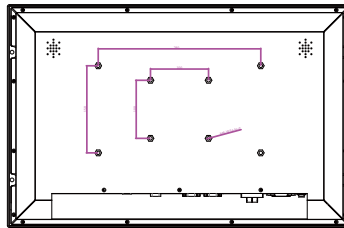
FRONT VIEW



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.)
Panel Brightness	: 300cd/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

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

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)

Input / Output Connectors

Ethernet LAN	: 2 x RJ45-10/100/1000 Mbps
COM	: 1 x RS232, 1 x RS232/422/485
	: 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

Power Specifications :

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

Certification and Approvals

- CE, FCC



Note: All Specifications are subject to change without prior notice!

Revised Date : 18-Nov-2019 V1.2

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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