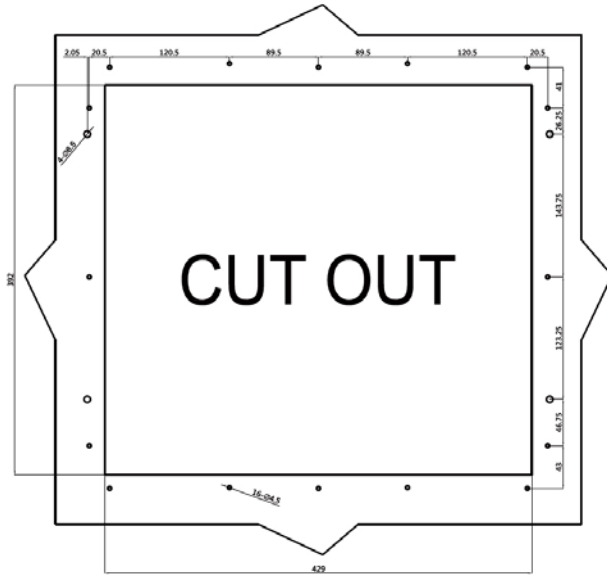


# 19" Platform Marine Panel PC

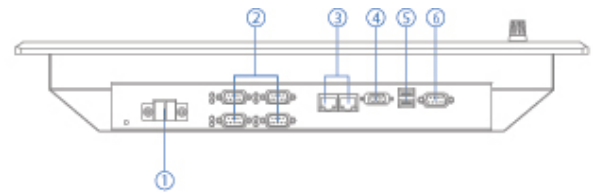
Model: WPM-MAR-PC-1900A2



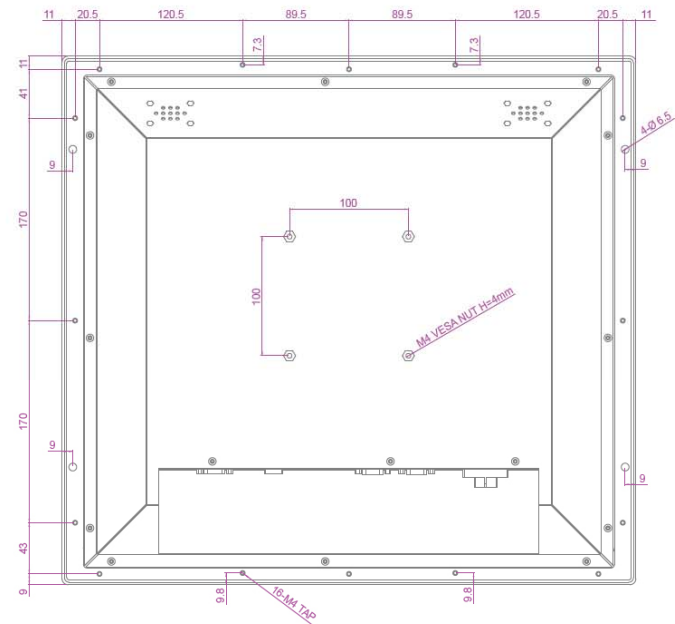
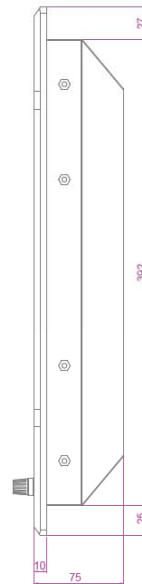
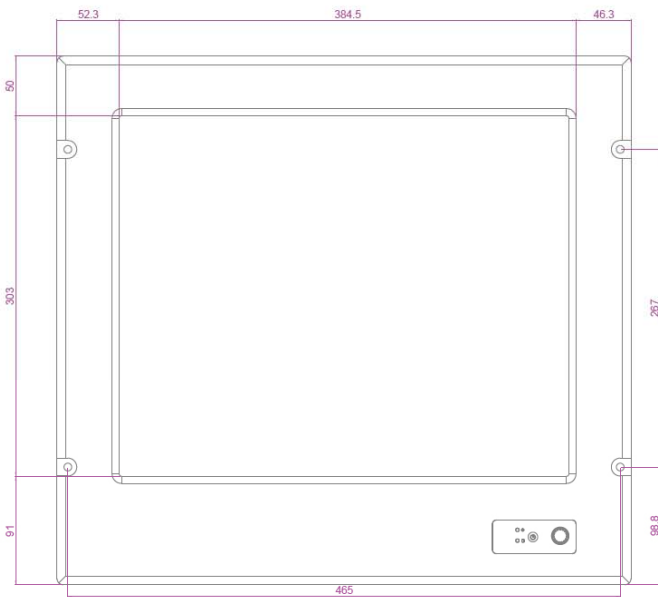
- 19" SXGA 1280 x 1024 TFT LCD
- Intel® Atom Dual Core N2600 1.6GHz Processor
- 1 x SO-DIMM, max. 4GB DDR3 800/1066
- 4 x Isolated RS422/485 (optional)
- Integrated Dual Broadcom BCM57780 GbE Controller
- Isolated Power Module



**CUT OUT DIMENSION**



- |   |                      |
|---|----------------------|
| 1. 1 x 9~36V DC input   | 3. 2 x RJ45          |
| 2. 4 x RS232 (default) or<br>4 x Isolation-RS422/485 (optional) | 4. 1 x VGA out put   |
|   | 5. 2 x USB           |
|   | 6. 1 x RS232/422/485 |



# 19" Platform Marine Panel PC

Model: WPM-MAR-PC-1900A2

## TFT Characteristics

Pixel Number	: 1280 x 1024
Pixel Pitch(R&B)	: 0.294 (H) x 0.294 (V) mm
Contrast Ratio	: 1000 : 1(typ.)
Light Intensity	: 350 cd/m (typ.)
Viewable Angle	: -85 ~ 85(H) ; -80 ~ 80(V)
Active Display Area	: 376 (H) x 301 (V) mm
Max Colors	: 16.7 (M) / 6 bit / colors

## Input Signals

Processor	: Intel Atom Dual Core N2600 1.6GHz
BIOS	: AMI 4Mbit Flash
System Chipset	: Intel NM10 express chipset
Memory Slot	: 1 x DDR3 800/1066MHz SODIMM,(Max 4GB)
Graphic Chipset	: Intel Graphic Accelerator 3650
Storage	: 1 x SATA2, 1 x Mini PCIe slot (mSATA SSD)
Ethernet	: 2x RJ-45(1000 Gigabit Ethernet Compatible)
VGA	: 1x VGA Connector
Audio	: Realtek ALC886 HD Audio Codec
USB Ports	: 6 x USB 2.0 (4 x USB by pin-header)
Serial Ports	: 4 x RS232, 1 x RS232/422/485
DVI	: 1 x DVI by 2x10 DB-13 wafer connector

## Available Options

Touch Screen Options	: SAW, 5 Wire Resistive
AR Safety Glass Option	: 3mm Anti-reflective protection glass
Bracket Stand Options	: Yes(One robust bracket can adjust from -10 to 30 deg.)
Secondary SSD	: up to 256 GB mSATA SSD

## Power Specification

Power Supply Options	: 9 to 36 V DC power supply with Terminal block (Default)
Power Consumption	: 100W typical, normal operation

## Mechanical and Environmental

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

\* SAW touch for IP54

## Input / Output Connectors

Ethernet LAN	: 2 x Giga LAN
COM	: 1 x RS232/422/485
Expansion Slot	: 4 x RS232 (default) or 4 x Isolated RS422/485 COM (optional)
USB	: 2 x USB Type-A receptable
VGA	: 1 x VGA 15P DSUB (female)
DC Power	: 1 x DC Terminal block

## Certification and Approvals

IEC60945, DNV2.4, IACS-E10, CE, FCC