

# Marine R19 Panel PC - Atom

Fanless Marine-Grade Panel PC with 19" display and Intel® Dual-Core Atom® N2600 CPU

## Features

- 19" Fanless Marine-Grade Panel PC
- Front IP66 dust and water-proof
- Resistive /SAW touch screen
- Resolution: 1280 x 1024
- Front panel OSD control (with dimming knob)

### System

<b>CPU</b>	Intel® Dual-Core Atom® N2600 up to 1.6GHz
<b>Chipset</b>	Intel® NM10 Express
<b>RAM</b>	1x 4GB DDR3L 1600MHz SODIMM up to 8GB
<b>Storage</b>	1x 64GB mSATA SSD
<b>LAN Chipset</b>	Dual Broadcom BCM57780 GbE Controller

### Display

<b>Display Size</b>	19" (48,26cm)
<b>Touch Type</b>	5-Wire Resistive, SAW
<b>Resolution</b>	1280 x 1024
<b>Color</b>	16.7M colors / 6-bit
<b>Viewing Angle</b>	170(H) / 160(V)
<b>Contrast</b>	1000:1
<b>Brightness</b>	350 cd/m <sup>2</sup>

### Interface

<b>USB</b>	2x USB 2.0 (Type-A)
<b>Ethernet</b>	2x RJ-45 Gigabit Ethernet ports
<b>Serial Ports</b>	1x RS-232/422/485 2x RS-232
<b>Video</b>	1x VGA (15-pin D-Sub female)
<b>Power Input</b>	1x 9 ~ 36V DC-In with terminal block
<b>Power Consumption</b>	100W, normal operation

### Mechanical / Environmental

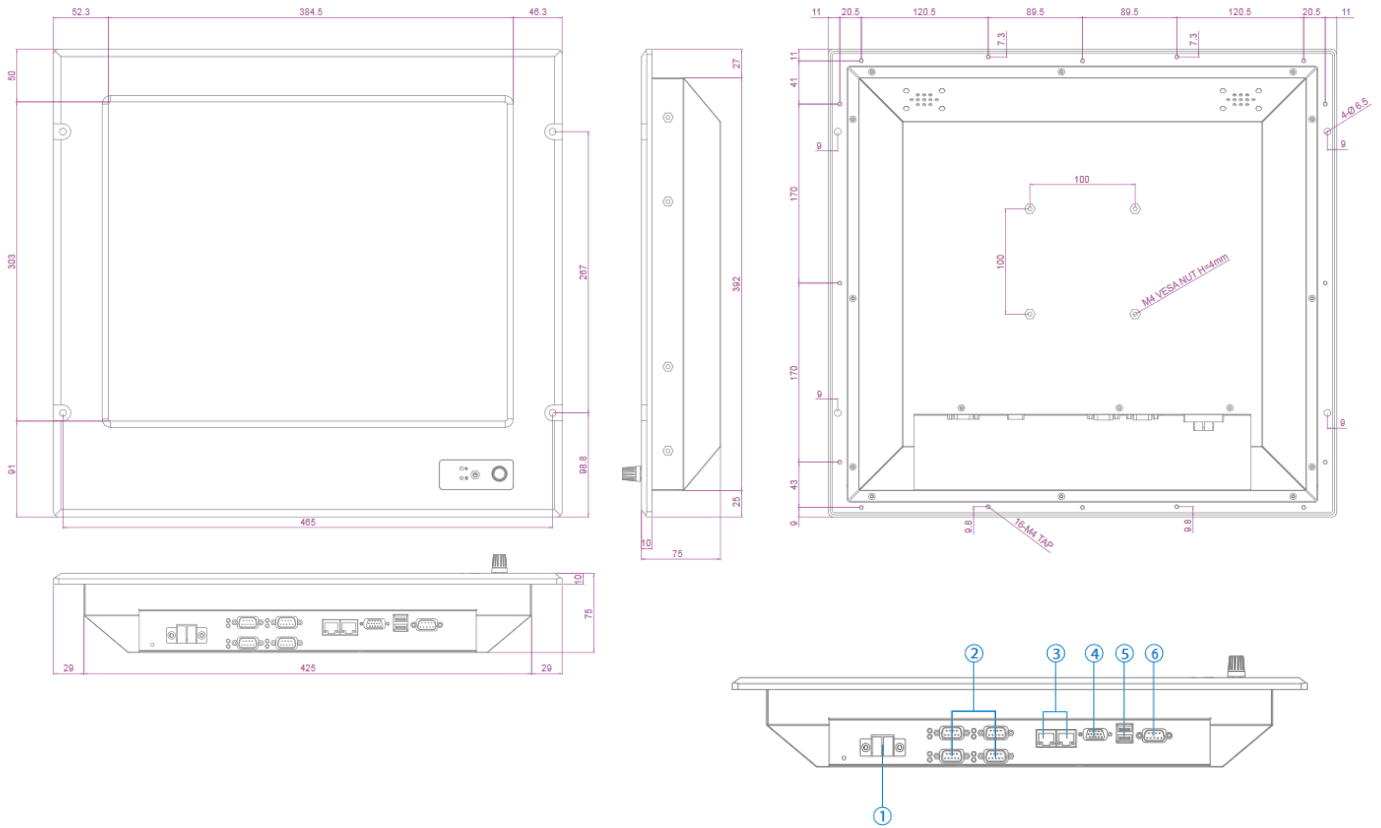
<b>IP Protection</b>	Front IP66 (IP54 rear)
<b>Mounting</b>	VESA 100
<b>Dimensions</b>	483.1 x 444 x 75mm (W x H x D) 429 x 392mm (Cut Out)
<b>Operating Temp.</b>	-15° ~ 55°C
<b>Humidity</b>	5% ~ 95%, non-condensing
<b>Certifications</b>	FCC, CE, DNV2.4, IEC60945, IACS-E10

Front

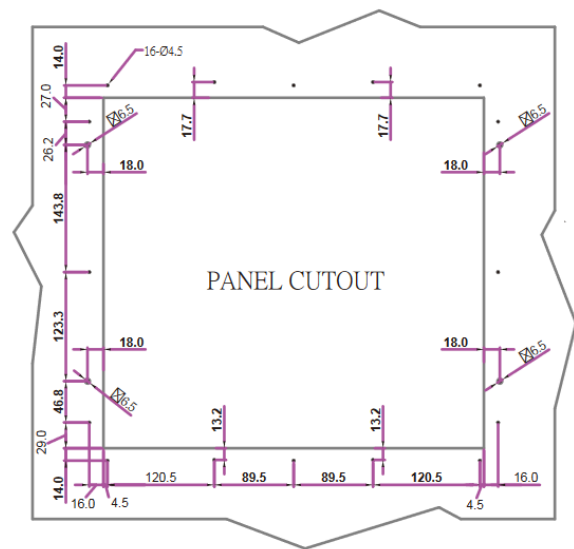


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## Technical drawings



- |   |                      |
|---|----------------------|
| 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 |



CUT OUT DIMENSION