

# TIP-190NT

## 19 Inch Marine Panel PC

### GENERAL

This specification defines the requirements for the TIP-190NT TFT LCD Display Panel PC with 1280 x 1024 pixels visible resolution, which is designed and tailored for use in operator display and computer operating systems such as Marine computer applications.

### KEY FEATURES

- 2nd Generation Intel® Core i3
- Color display 19" TFT LCD Monitor.
- 1280 x 1024 resolutions.
- Resistive Touch screen.
- VGA, DP and HDMI Display.
- LAN Communication.
- Power range : 220VAC 50/60Hz or 18VDC ~ 36VDC Input.
- LCD PANEL backlight unit : LED Backlight units.

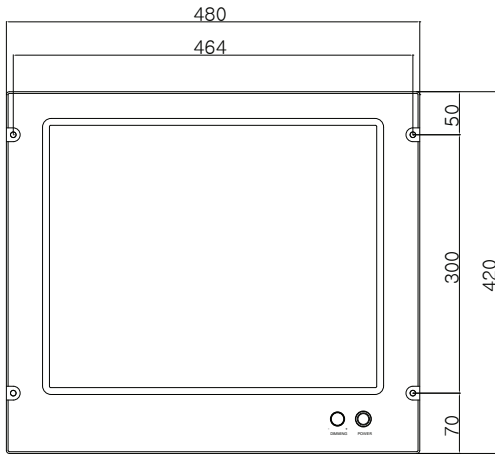


### GENERAL FEATURE

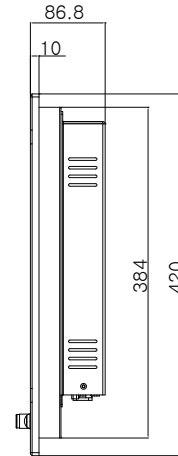
Section	Specifications
CPU	2nd Generation Intel Core i3-2310M (2.1GHz)
System Chipset	Intel QM67 Express
Memory	1 x 4GB Dual DDR3 SO-DIMM
Storage	1 x 128GB SSD
Graphic	Intel HD Intergrated Graphic Engine
LAN	1 x Intel 82579LM / 1 x RealTek RTL8111C Gigabit Network
I/O Connector	4 x USB 2.0 2 x COM Port Supported (COM1 RS-232/422/485, COM2 RS-232 Only) 2 x RJ45
Display Type	19" TFT LCD PANEL
Color	16.7 Million
Resolution	1280(H) x 1024(V) Pixels
Active Area (Aspect Ratio)	376.32(H) x 301.06(V) (5:4)
Brightness	350cd/m <sup>2</sup>
Contrast	1000:1
View Angle (CR=5)	170°(R/L) / 160°(U/D) (Typ)
Response Time	5ms
Touch Type	5 - Wire Resistive Type
OS	Windows 7 Professional
Power Input	220VAC 50/60Hz or 18 ~ 36VDC
Power Consumption	100W(MAX)
Dimension	480(W) x 86.8(D) x 420(H) mm
Weight	6.82Kg (Net Weight)
Graphic Output Connector	VGA, HDMI, DP
Option	Memory - Up to 1 x 8GB Dual DDR3 SO-DIMM Storage - Up to 1 x SSD 1TB (1TB) OS - Windows XP, Windows XP Embedded, Windows 7 Embedded
Environmental Factors	Operation Temp : 0°C ~ 60°C / Storage Temp : -20°C ~ 80°C / Humidity : 0% ~ 95%
IP-Rating	IP65 Front
Certification	DNV

# MARINE PANEL PC

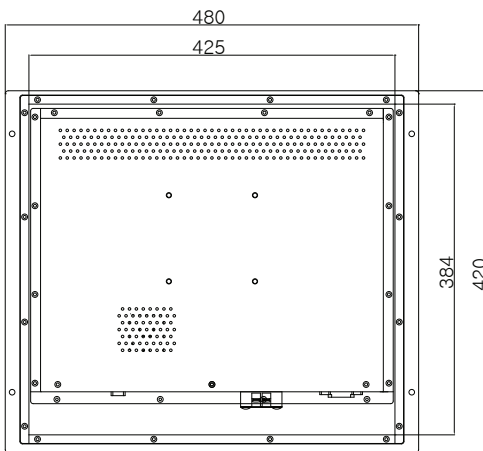
## TIP-190NT



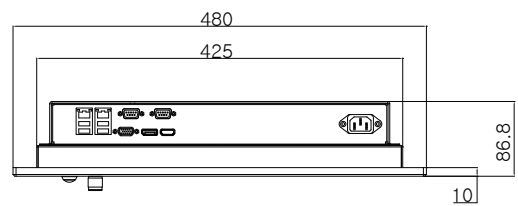
FRONT VIEW



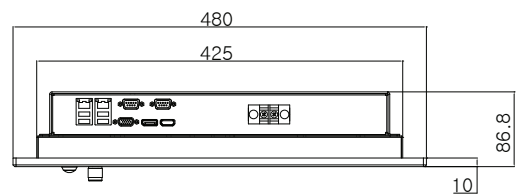
SIDE VIEW



REAR VIEW



BOTTOM VIEW(AC)



BOTTOM VIEW(DC)

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### Contact Point

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