



## Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface Mount Panel PC

# SCH1210HB-SIP-PC-PCT

**1000 nits**

12.1" High Brightness Panel PC LCD monitor LED backlight, 1024 x 768, 1000 nits, with 2mm AR glass and DVI input with Intel® Atom D2550 Processor and NM10 onboard, Projective Capacitive Touch (1-2mm) USB Controller



NEMA 4X



VESA Mount



High Contrast



Low Power



Wide Viewing  
Angle



Built-in  
PC

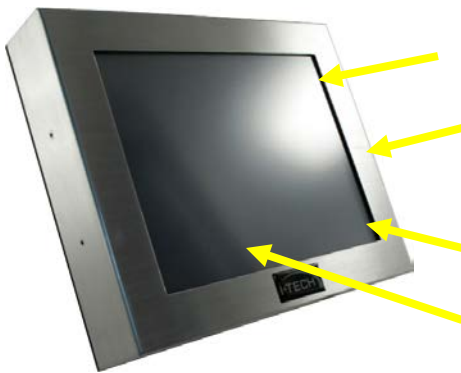
### FEATURES

- 12.1" Bright Active Matrix TFT Display, 1000 Nits (cd/m<sup>2</sup>)
- 1024 x 768 High Resolution
- Built-in Intel Atom D2550 Dual Core 1.86Ghz CPU, Fanless Design, 32GB Wide temp SSD and 4GB Memory (DVI x 1 + RS232 x 1 + USB x 2 + POWER x 1 + LAN x 1)
- NEMA 4X (IP66) 304 Stainless Steel Gasket Sealed Enclosure
- DVI-D only for external video input
- Included all water proof connectors and 6ft long water proof cables.
- LED backlight Energy Efficient, Low Power Consumption
- High Environmental Performance and Reliability
- Anti-Reflective Protective Glass
- Wide Operational Temperature Range, 0°C to +50°C (32°F to +122°F)
- RoHS Compliant
- VESA mount compliant.

### OPTIONS

- Optional Custom fitting for purging the monitor's enclosure
- Optional for 9-36V DC input
- Optional 5 Wired Resistive touch/ IR/ PCap Touch Screen (USB Default/ RS232 per request controller)
- Optional High Brightness 1000nits For Semi outdoor application
- Optional for Auto Dimming Sensor
- Optional for IR Remote Control with Front Sensor.
- Optional Heater for lower temperatures -30C (-22F)
- Optional Integrated VGA/ DVI Extender
- Transmission length up to 1,000ft over CAT5e cable for VGA input
- Transmission length up to 300ft over CAT5e cable for DVI input

### Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface Mount LCD Monitor



Water Proof Solution,  
Full IP NEMA4 Rating  
front and back

Stainless and  
Aluminum Housing  
Chassis Design

AR Glass  
Protective Glass at  
front

Optional High  
Brightness and  
Touch screen

\* IP65 Water and Dust proof  
connection for a higher protection

\* All Connectors are facing backward



- Water proof DVI Cable
- Water proof LAN Cable
- Water proof Power Cable
- RS232 connector
- USB connector

Warning: This unit must used under shaded area without direct sunlight facing West or East (Sunrise or Sunset)



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USA Based Company. Most of our Industrial LCD Monitor are assembled, tested, shipped from our CA headquarter, giving us the ability to provide best service to your needs.

## SPECIFICATION

LCD Display	
Size / Panel Type	12.1" TFT LCD Panel
Resolution	1024 x 768
Brightness (cd/m <sup>2</sup> )	1000 cd/m <sup>2</sup>
Contrast Ratio	700 : 1
Response Time	35 ms
Backlight	LED Backlight Unit
Colors	16.2M colors
Viewing Angles	160° / 160°
Surface Hardness	7~8H, AR Glass
Touch Screen (Optional)	
Touch Screen Type	Resistive Touch (Optional)
Surface Hardness	3H
Environment	
Operating Temperature	0°C~+50°C
Storage Temperature	-20°C~+60°C
Humidity	5%~95% RH(Non-Condensing)
Water-Proof Rating	IP66/NEMA4, 6 Side Water-Proof

System	
CPU / Memory	Intel Atom D2550 Dual Core 1.86Ghz / 4GB DDR3
OSD	Menu, Auto, On/Off, Up, Down
I/O Interface	DVI x 1 + RS232 x 1 + USB x 2 + POWER x 1 + LAN x 1
Power Input	12 VDC ( Optional : 9~36VDC)
Power Consumption	22W
Certification	FCC/CE/RoHS Compliance
Mounting	VESA 75 x 75mm;100 x 100mm
Dimension/Weight	347mm (W) x 292mm (H) x 64mm (D) / 6.3kgs

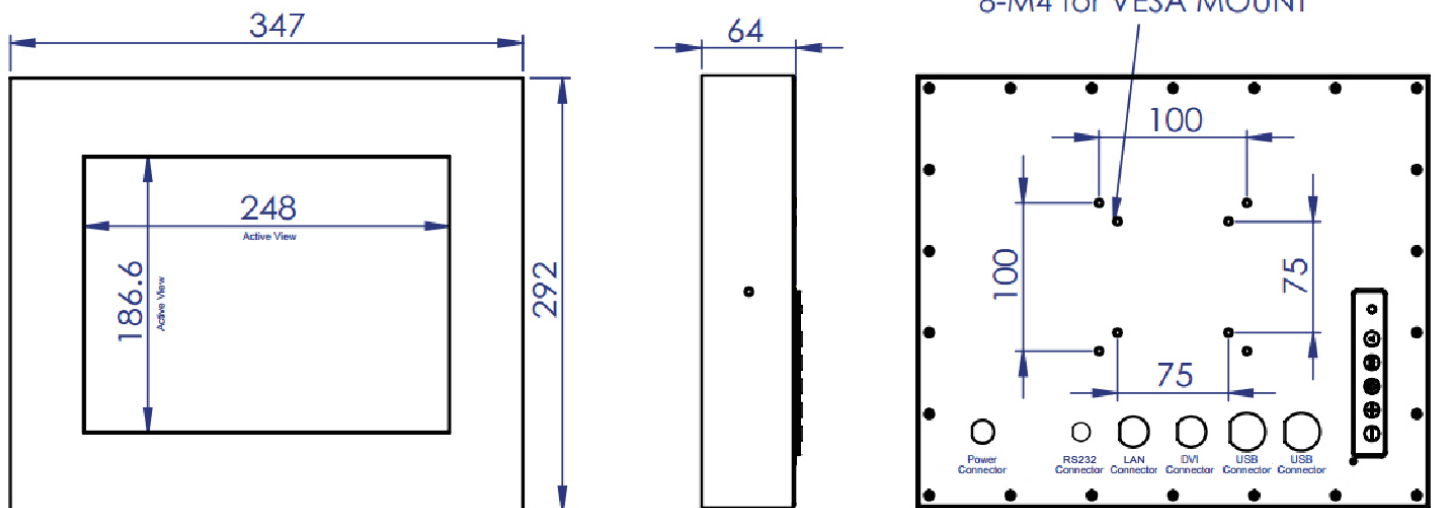
## ACCESSORIES

Water proof DVI cable 6ft long x 1
Water proof LAN cable 6ft long x 1
Water proof Power cable 6ft long x 1
RS232 Connector 6ft long x 1
USB Connector 6ft long x 2

## PHOTO GALLERY



## MECHANICAL DRAWINGS



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