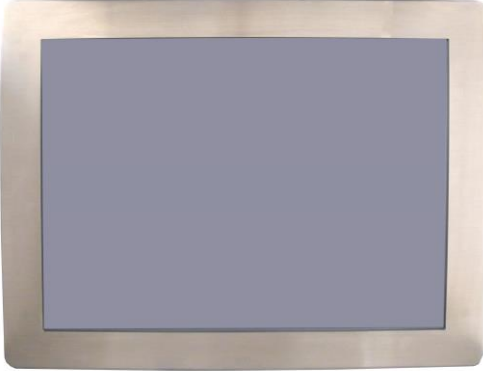


## HPC121SR-SF1900B

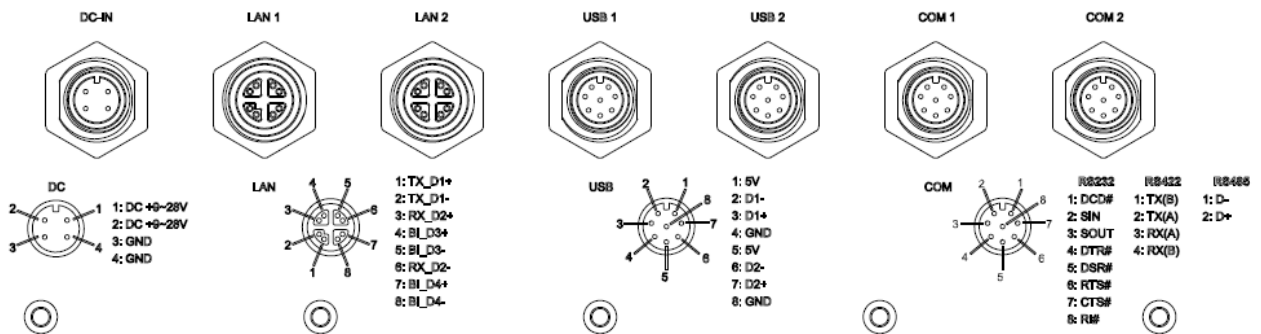
Onboard Intel® Bay Trail-D J1900 2.0GHz Quad Cores CPU



1. 12.1" 500 nits high brightness TFT LCD with LED backlight
2. Onboard Intel® Bay Trail-D J1900 2.0GHz Quad Cores CPU
3. Onboard 4G/1333MHz DDR3L Memory
4. Support 2 \* Intel® Gigabit LAN
5. Support 2 \* COM ports (Support RS232/422/485)
6. Support 4 \*USB2.0 ports
7. Support 2.5" SATA HDD, 1 \* M.2 connector
8. 1 \* Mini PCI-E
9. Support wide voltage input 9~28V
10. Overall support for IP67 levels



### External I/O



## Specifications

### Display

Front Bezel	- IP67, NEMA 4 rugged protection, Overall
Display Type	- 12.1" With LED Backlight
Brightness ( cd/m <sup>2</sup> )	- 500 nits
Display Color	- 262K
Resolution	- 1024 x768 @ 60Hz
Viewing Angle (H/V)	- 160°/140°
Pixel Pitch	- 0.24 x 0.24 mm
Aspect Ratio	- 4:3
Contrast Ratio	- 700:1
Response Time	- 25 ms

### Touch screen

Type	- 5 wires analog resistive type
Active Range	- 246.80 x 185.50mm ±0.2mm
Transparency	- 80 ±3%
Surface Hardness	- ≥ 3H (ASTM D3363, pressure 750g/45°)
Operating Force	- ≤ 80g
Knock test	- 10,000,000 times keystrokes

### Main System

CPU	- Intel® Bay Trail-D J1900 2.0GHz/QC
RAM	- 4G 1333MHz DDR3L SAMSUNG DRAM
BIOS	- 64MB SPI Flash ROM
Storage	- 1 * 2.5" SATA HDD - 1 * M.2 connector (2242/2260/2280)
Watchdog Timer	- 256 levels, 0~255 sec.
OS Support	- Windows 7 / 8.1 / 10 / Linux

### I/O Connector

I/O Ports and Switches	- 4 * USB2.0 - 2 * RS232/422/485 - 2 * LAN (Intel® I211AT Gigabit LAN) - 1 * Locking Jack 9~28V DC input - 1 * Power button
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### Expansion Interface

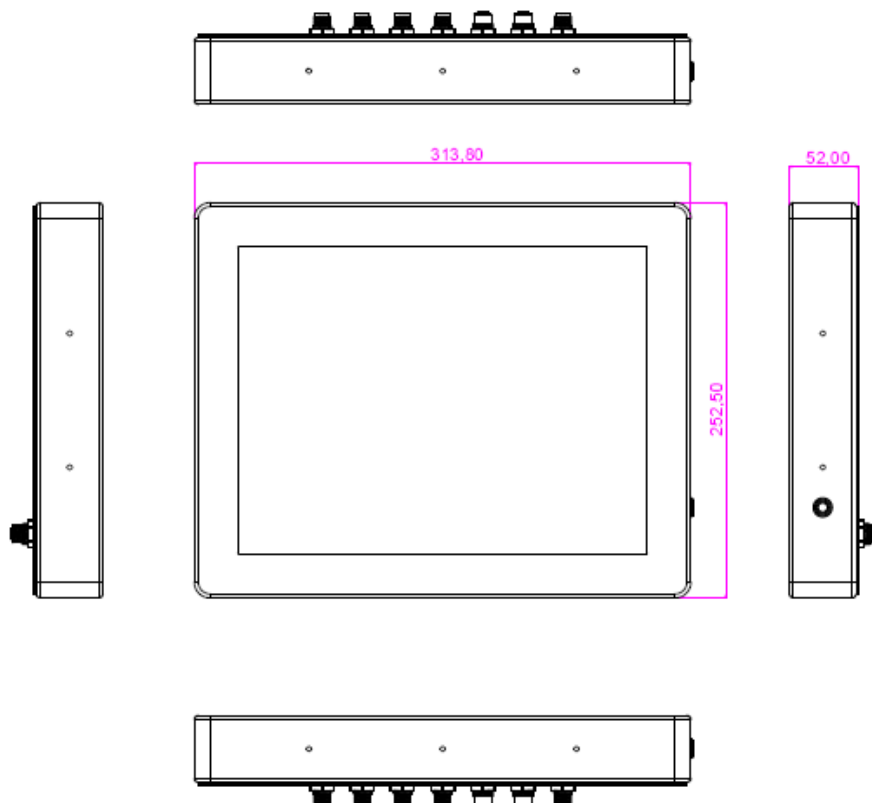
Expansion	- 1 * PCI-E mini card for WIFI or 3G/4G - 1 * SIM card holder for 3G/4G
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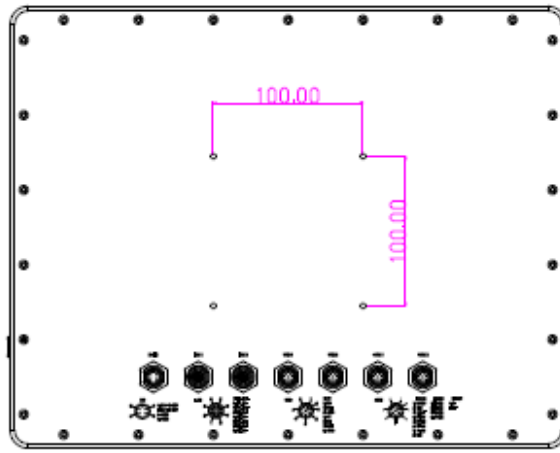
### Power

Power Input	- AC version: 100~240V AC-DC 60W power adapter or - DC version: 9~28V DC with over current protection fuse
Power Consumption	- 25W
<b>Dimensions</b>	
Case Dimensions	- 307.8*246.5*50mm
Packing Dimensions	- Net Weight: KG - Gross Weight: KG - Color Box dimension: 384*122*390m
<b>Certifications</b>	
Certifications	- CE, FCC, IP67
<b>Environment</b>	
Temperature	- Operating: -10°C ~ 60°C (with W.T. DRAM/HDD in airflow condition)
	- Operating: -10°C ~ 60°C (with W.T. DRAM/HDD)
	- Storage: -20°C ~ 65°C
Shock	- Operating: 15G , 11ms duration
Vibration	- Operating: 5~500Hz/1 Grms
<b>Warranty</b>	
Warranty	- The warranty of 2 years, panel the warranty of 1 year

\*Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

## Mechanical Drawings (Unit = mm)





## Accessories

Part Number	Description
	HPC121SR-SF1900B
L01AS053-F	Adapter 12V/5A 60W
Change according to shipping area	Power cord