

# HPC101SC-FP1900B

## Flat Panel Embedded Panel PC

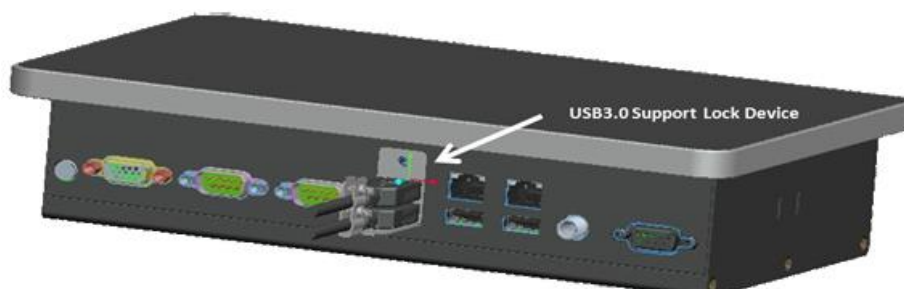
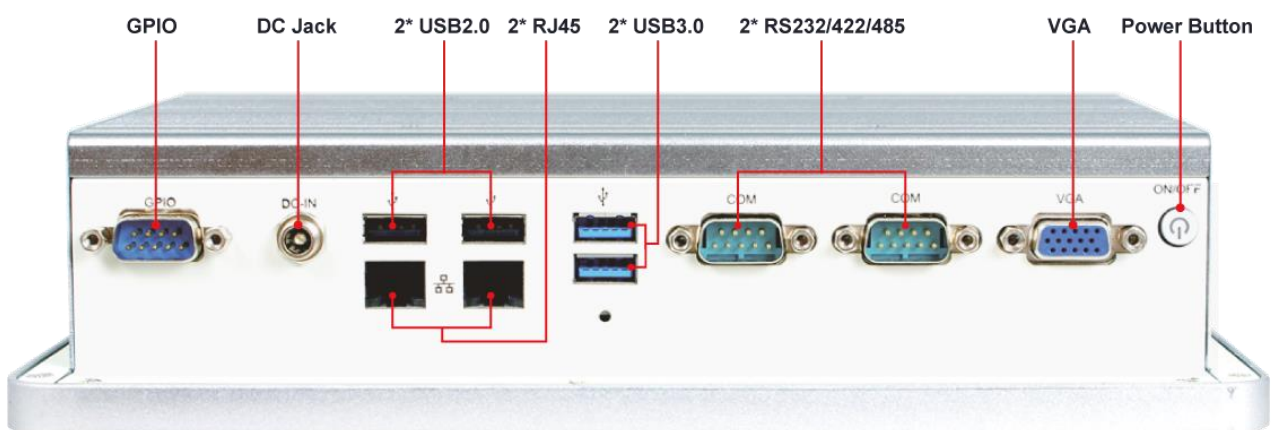
10.1" TFT Fanless Touch Panel Computer with Intel® Bay Trail-D J1900 2.0GHz Quad Cores



1. 10.1" 400 nits high brightness TFT LCD with LED backlight
2. 10-points Multi Capacitive Touch
3. Cable less, Streamlined enclosure for highly efficient heat dissipation Enclosed in robust aluminum casings
4. Edge-to-edge narrow bezel design and Fanless cooling system
5. Design for easy Wall mount, Panel Mount, VESA Mount installation
6. A true Flat, easy-to-clean front surface with edge-to-edge design
7. USB3.0 Support Lock Device
8. Front IP65 for protection against water and dust
9. 9-28V DC-input Support, with EOS, OVP design



### External I/O



## Specifications

### Display

Front Bezel	- IP65, NEMA 4 rugged protection, Full planar metal border
Display Type	- 10.1" With LED Backlight
Brightness (cd/m <sup>2</sup> )	- 400 nits
Display Color	- 16.2M
Resolution	- 1280 x 800 @ 60Hz
Viewing Angle (H/V)	- 170°/170°
Pixel Pitch	- 0.1695 x 0.1695 mm
Aspect Ratio	- 16:10
Contrast Ratio	- 800:1
Response Time	- 30 ms

### Touch screen

Type	- projected capacitive type
Active Range	- 257.10 x 159.66mm ±0.2mm
Transparency	- ≥ 87%
Surface Hardness	- ≥ 6H (JIS-5400)
Glass haze value	- ≤ 3%

### CASE

Panel Material	- Aluminum
Case Material	- Iron
Color	- Silver + white
Coating Requirement	- Spray Paint

### Main System

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

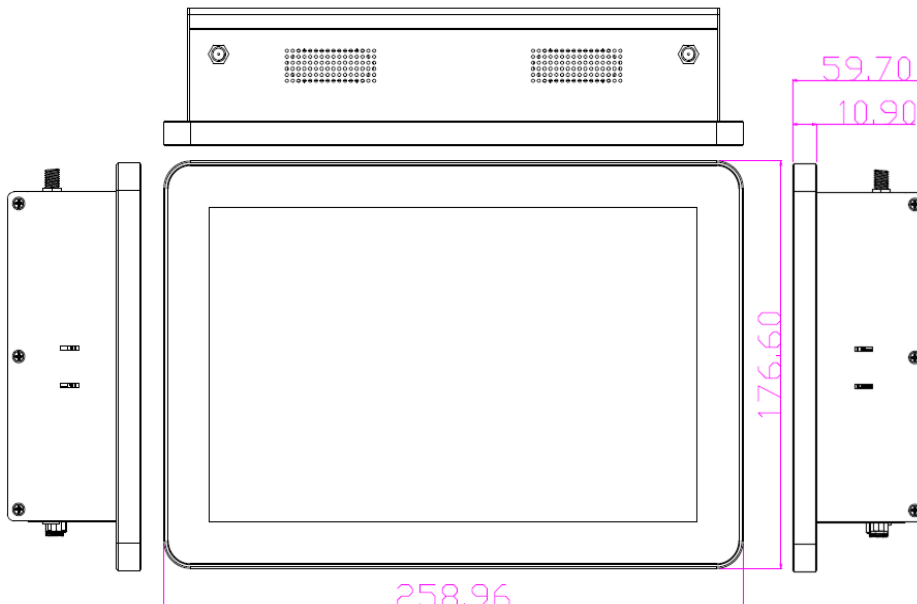
### I/O Connector

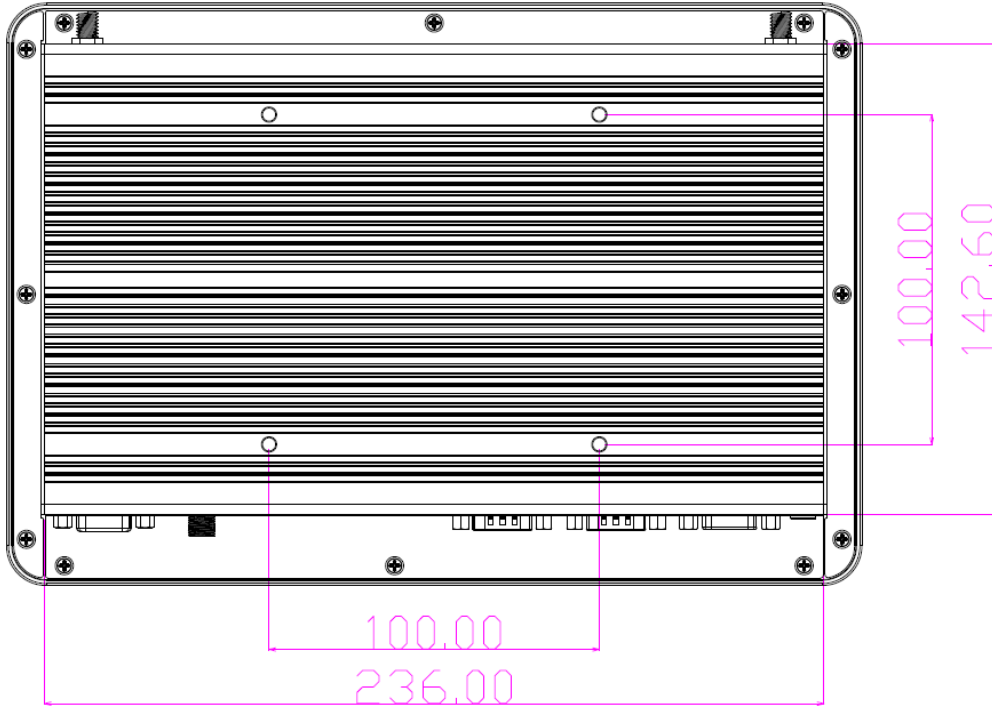
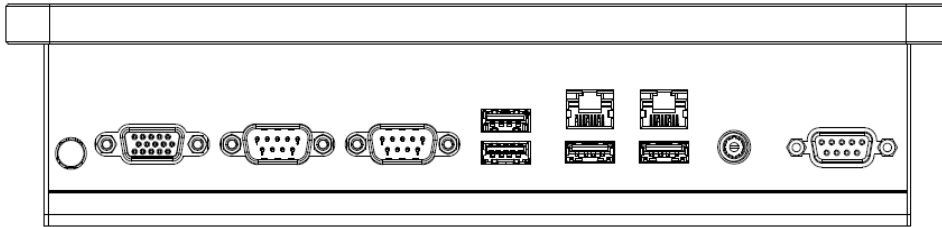
I/O Ports and Switches	- 2 * USB3.0 - 2 * USB2.0 - 1 * 8bit GPIO - 2 * RS232/422/485 - 1 * VGA - 2 * LAN (INTEL I211AT Gigabit LAN)
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	- 1 * Locking Jack 9~28V DC input - 1 * Power button
<b>Expansion Interface</b>	
Expansion	- 1 * PCI-E mini card for WIFI or 3G/4G - 1 * SIM card holder for 3G/4G
<b>Power</b>	
Power Input	- AC version: 100~240V AC-DC 60W power adapter or - DC version: 9-28VDC with over current protection fuse
Power Consumption	- 21W
<b>Dimensions</b>	
Case Dimensions	- 258.96*176.60*59.7mm
Packing Dimensions	- Net Weight: KG - Gross Weight: KG - Color Box dimension: (W) * (D) * (H) mm
<b>Certifications</b>	
Certifications	- CE, FCC, IP65(Front)
<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 ~ 85°C
Shock	- Operating: 15G , 11ms duration
Vibration	- Operating: 5~500Hz/1 Grms
<b>Warranty</b>	
Warranty	- 2 Years Limited Warranty ( Panel and Touch is only Warranty 1Year )

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

## Mechanical Drawings (Unit = mm)





## Optional Accessories

Part Number	Description
-----	HPC101SC-FP1900B
	HPC101SC-FP1900B User's Manual
	JNC7A-P1900-4G User's Manual
	CD Driver
	Power cord
	60W AC-DC Adapter