

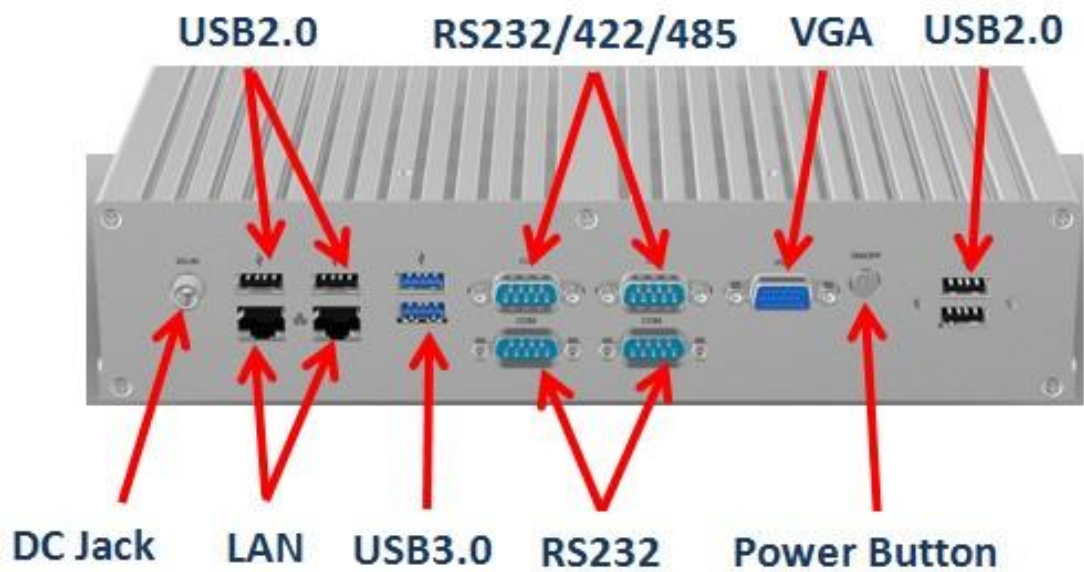
# HPC-185SC-HD1900B



1. 18.5" 250 nits high brightness TFT LCD with LED backlight
2. Onboard Intel® Bay Trail-D J1900 2.0GHz Quad Cores CPU
3. Onboard SAMSUNG 4G/1333MHz DDR3L Memory
4. Support Dual Intel® Gigabit LAN
5. Support 4\* COM ports (COM1/2 Support RS232/422/485)
6. Support 2\* USB3.0 + 4\*USB2.0 ports
7. Support 2.5" SATA HDD, 1 \* M.2 connector
8. 1 \* Mini PCI-E
9. Support 4G SIM Card Socket
10. Support wide voltage input 9~28V
11. Plastic and IP65-rated front bezel



## External I/O



# Specifications

## Display

Front Bezel	- IP65, NEMA 4 rugged protection, metal front bezel
Display Type	- 18.5" With LED Backlight
Brightness ( cd/m <sup>2</sup> )	- 250 nits
Display Color	- 16.7M
Resolution	- 1366 x768 @ 60Hz
Viewing Angle (H/V)	- 170°/160°
Pixel Pitch	- 0.3 x 0.3 mm
Aspect Ratio	- 16:9
Contrast Ratio	- 1000:1
Response Time	- 5.5 ms

## Touch screen

Type	- projected capacitive type
Active Range	- 440.8 x 271.4mm ±2.0mm
Transparency	- 85 ±5%
Surface Hardness	- ≧ 6H (JIS-5400)
Glass haze value	- ≧ 3%

## 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	- 2 * USB3.0 - 4 * USB2.0 - 2 * RS232/422/485(Support 5V/12V Output) - 2 * RS232 (Support 5V/12V Output) - 1 * CRT - 2 * LAN (Intel® I211AT Gigabit LAN) - 1 * Locking Jack 9~28V DC input - 1 * Power button
------------------------	--

## Expansion Interface

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

## Power

Power Input	- AC version: 100~240V AC-DC 60W power adapter or - DC version: 9~28VDC with over current protection fuse
Power Consumption	- 27.5W

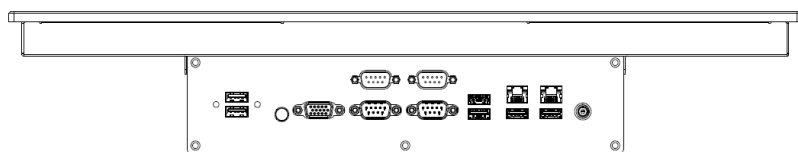
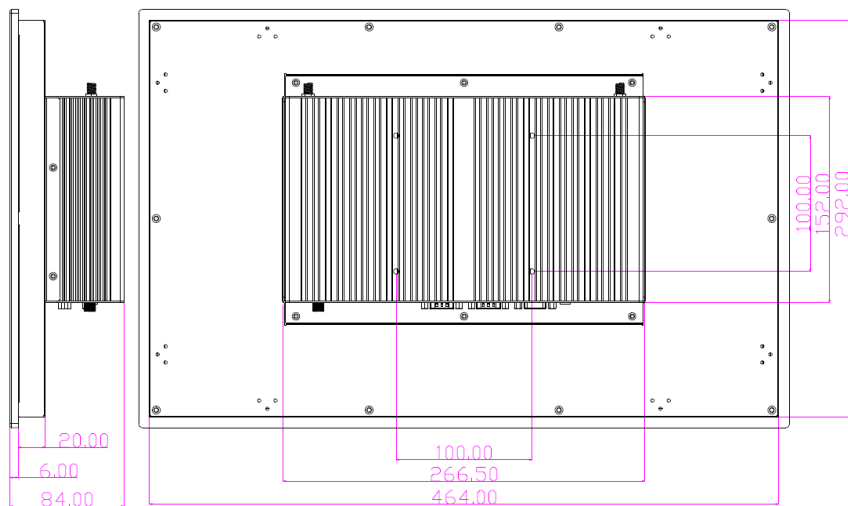
## Dimensions

Case Dimensions	- 480*308*84mm
Packing Dimensions	- Net Weight: KG - Gross Weight: KG - Color Box dimension: mm

Certifications	
Certifications	- CE, FCC, IP65(Front)
Environment	
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
Warranty	
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
HPC185SC-HD1900B	HPC185SC-HD1900B
Change according to shipping area	Power cord
L01AS036-F	12V/60W/5A Adapter
J05-ANT-GX55240-F	L-Antenna