HPC-190BR-2930-4G

19.0" SVGA TFT Fan less Touch Panel Computer with Intel® Bay Trail-M N2930 1.83GHz Quad Cores Processor

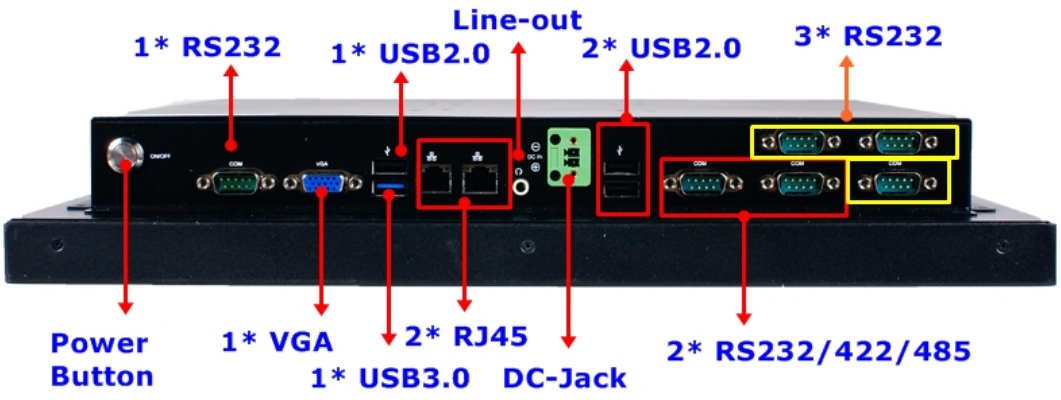


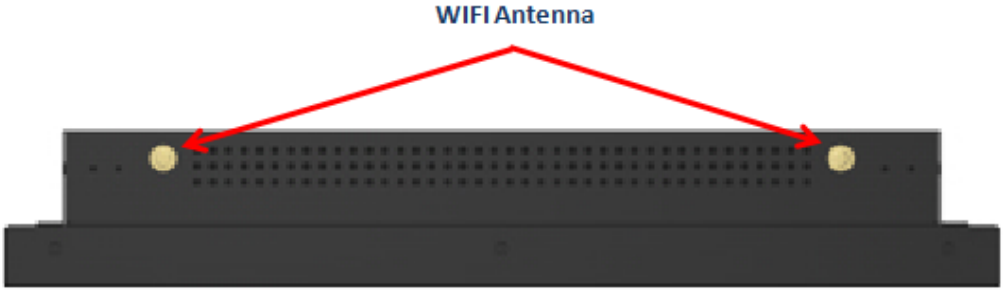




1. 19.0” 350 nits high brightness SVGA TFT LCD with LED backlight
2. 5 wires analog resistive type Touch
3. Onboard Intel® Bay Trail-M N2930 1.83GHz Quad Cores CPU
4. Onboard SAMSUNG 4G/1333MHz DDR3L Memory
5. Support Dual Intel® Gigabit LAN
6. Support 6 * COM ports (COM2/COM3 Support RS422/485)
7. Support 2.5” SATA HDD
8. 1 * M-SATA Socket
9. 1 * Mini PCI-E Socket
10. Support 4G SIM Card
11. Support wide voltage input 9~24V
12. IP65-rated front bezel

External I/O





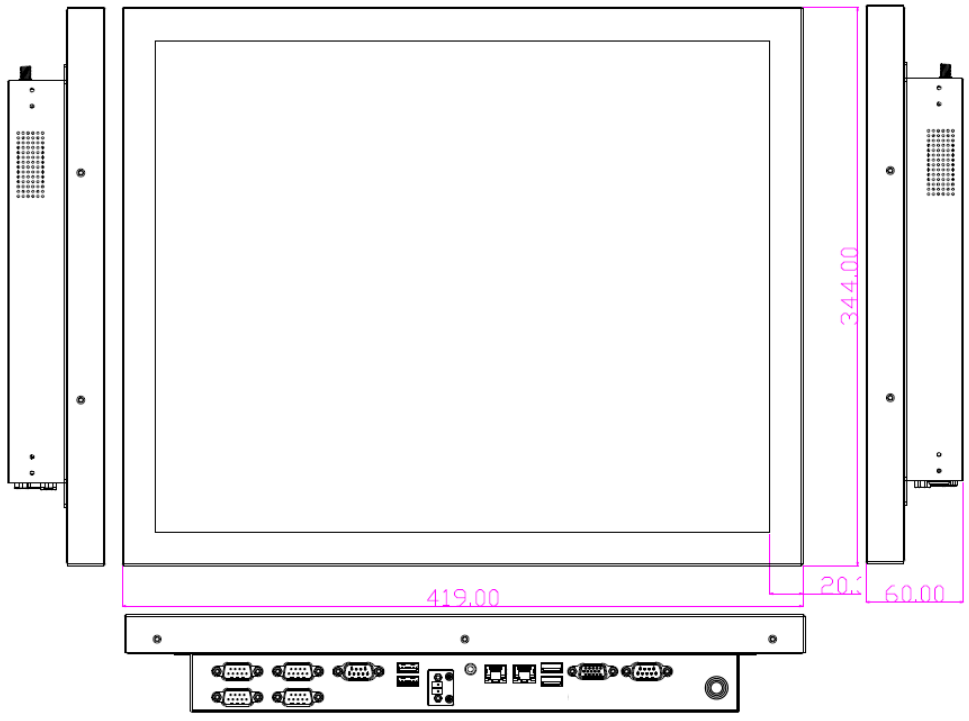
Specifications

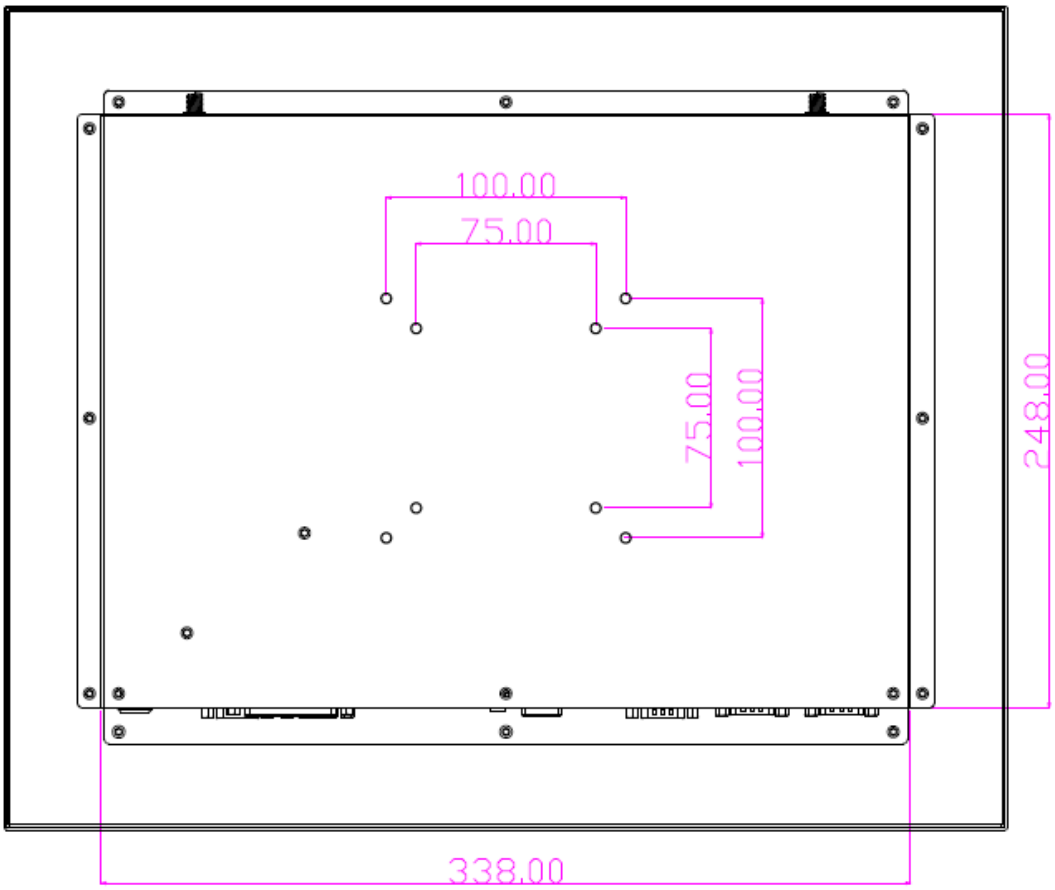
Display	
Front Bezel	- IP65, NEMA 4 rugged protection, plastic front bezel
Display Type	- 19.0" With LED Backlight
Brightness (cd/m²)	- 350 nits
Display Color	- 16.7M
Resolution	- 1280 x1024 @ 60Hz
Viewing Angle (H/V)	- 170°/160°
Pixel Pitch	- 0.294 x 0.294 mm
Aspect Ratio	- 4:3
Contrast Ratio	- 1000:1
Response Time	- 12 ms
Operating Temperature	--30 ~85°C
Touch screen	
Type	- 5 wires analog resistive type
Active Range	- 377.30 x 302.05mm ±0.2mm
Transparency	- 80 ±3%
Surface Hardness	- ≧3H (ASTM D3363, pressure 750g/45°)
Operating Force	- ≦ 80g
Knock test	- 10,000,000 times keystrokes
Operating Temperature	--10 ~ 60°C
Main System	
CPU	- Intel® Bay Trail-M N2930 1.83GHz/QC
RAM	- 4G 1333MHz DDR3L SAMSUNG DRAM
BIOS	- 64MB SPI Flash ROM
Storage	- 1 * 2.5” SATA HDD (SATA2) - 1 * M-SATA connector
Watchdog Timer	- 255 levels, 0~255 sec.
OS Support	- Windows 7 / 8.1 / 10 / Linux (Option)
I/O Connector	
I/O Ports and Switches	- 1 * USB3.0 - 3 * USB2.0 - 4 * RS232 - 2 * RS232/422/485 - 1 * CRT - 2 * LAN (Intel® I211AT Gigabit LAN) - 1 * Line-out (2-CH 3W Speaker) - 1 * Euro terminal block 9~24V DC input

Expansion Interface	
Expansion	- 1 * PCI-E mini card for WIFI or 4G
Power	
Power Input	- AC version: 100~240V AC-DC 60W power adapter or - DC version: 9~24VDC with over current protection fuse
Power Consumption	- 38.5W
Dimensions	
Case Dimensions	- 427.0mm*352.0mm*60.0mm
Packing Dimensions	- Net Weight: KG - Gross Weight: KG - Color Box dimension: 536 (W) * 302 (D) *520 (H) mm
Certifications	
Certifications	- CE, FCC, IP65
Environment	
Temperature	- Operating: -0°C ~ 60°C (with W.T. DRAM/HDD in airflow condition) - Operating: -0°C ~ 60°C (with W.T. DRAM/HDD)
	- Storage: -20°C ~ 65°C
Shock	- Operating: 15G，11ms duration
Vibration	- Operating: 5~500Hz/1 Grms
Warranty	
Warranty	- 2 Years Limited Warranty（Panel 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
----------	HPC-190BR-2930-4G
	HPC-190BR-2930-4G User's Manual
	JNLBT-IE2930-4G User's Manual
	CD Driver
	Power cord
	60W AC-DC Adapter