

HPC104GR-HD1900B

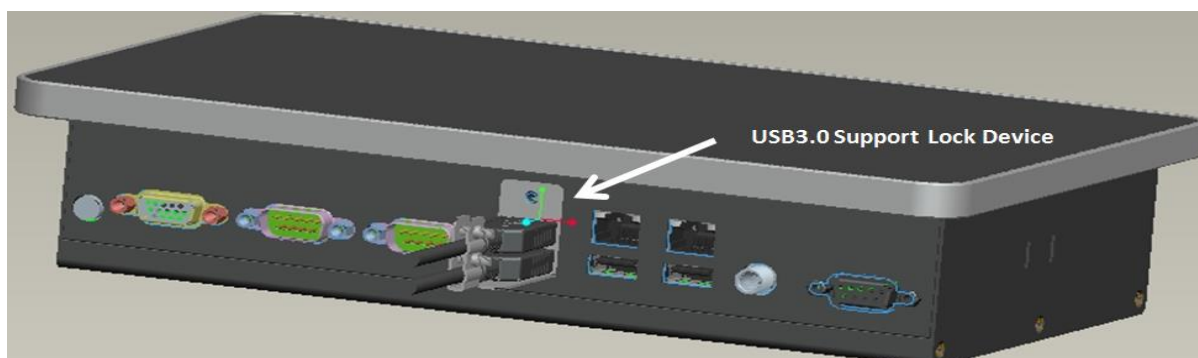
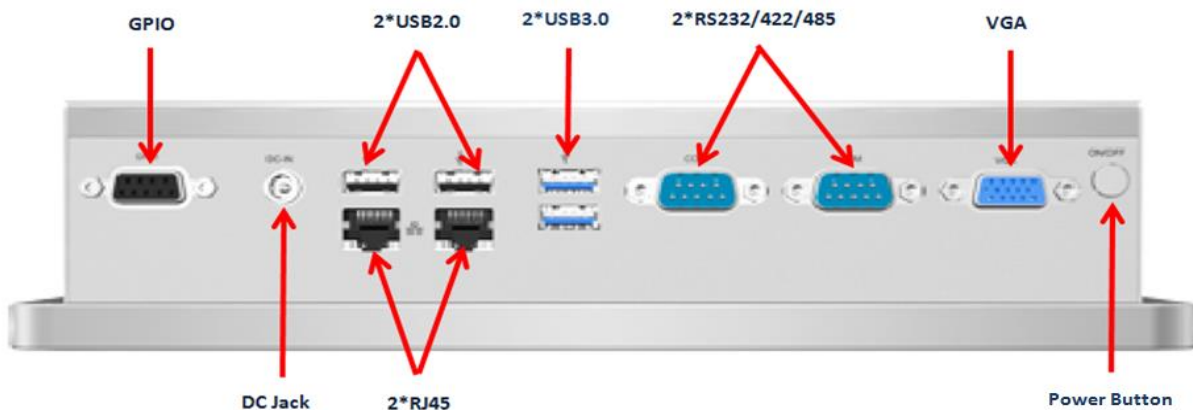
10.4" TFT FanLess Touch Panel Computer with Intel® Bay Trail-D J1900 2.0GHz Quad Cores Processor



1. 10.4" 400 nits high brightness TFT LCD with LED backlight
2. 5 Wire Resistive Touch/Anti-Reflection Protection Glass
3. Streamlined enclosure for highly efficient heat dissipation Enclosed in robust aluminum casings
4. Strong solid aluminum frame design and Fanless cooling system
5. Support Open frameless design
6. Design for easy Wall mount, Panel Mount, VESA Mount installation
7. A true Flat, easy-to-clean front surface with edge-to-edge design
8. USB3.0 Support Lock Device
9. IO Ports designed for easy connection
10. 9-28V DC-input Support, with EOS, OVP design
11. Support TPM2.0 (HPC104GR-HD19BT2 only)



External I/O



Specifications

Display

Front Bezel	- NEMA 4 rugged protection, metal front bezel
Display Type	- 10.4" With LED Backlight
Brightness (cd/m ²)	- 400 nits
Display Color	- 262K
Resolution	- 800 x 600 @ 60Hz
Viewing Angle (H/V)	- 130°/140°
Pixel Pitch	- 0.264 x 0.264 mm
Aspect Ratio	- 4:3
Contrast Ratio	- 400:1
Response Time	- 25 ms

Touch screen

Type	- 5 wires analog resistive type
Active Range	- 211.58 x 158.75mm ±0.2mm
Operating Force	- ≤ 80g
Transparency	- 80 ±3%
Surface Hardness	- ≥ 3H (ASTM D3363, pressure 750g/45°)
Knock test	- 10,000,000 times keystrokes

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* 2.5" SATA bay - 1* M.2 (M-key, 2242/2260/2280) slot
Watchdog Timer	- 256 levels, 0~255 sec.
OS Support	- Windows 7 / 8.1 / 10 / Linux (option)

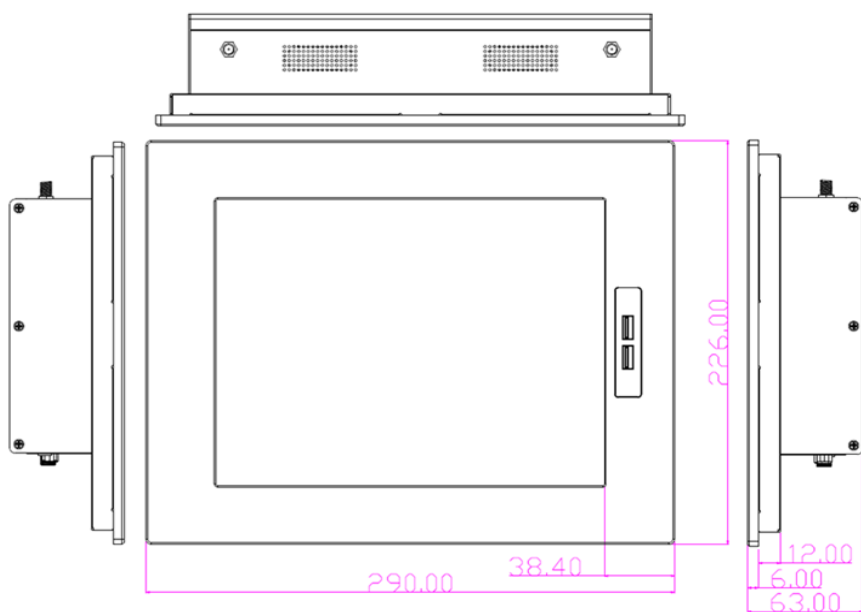
I/O Connector

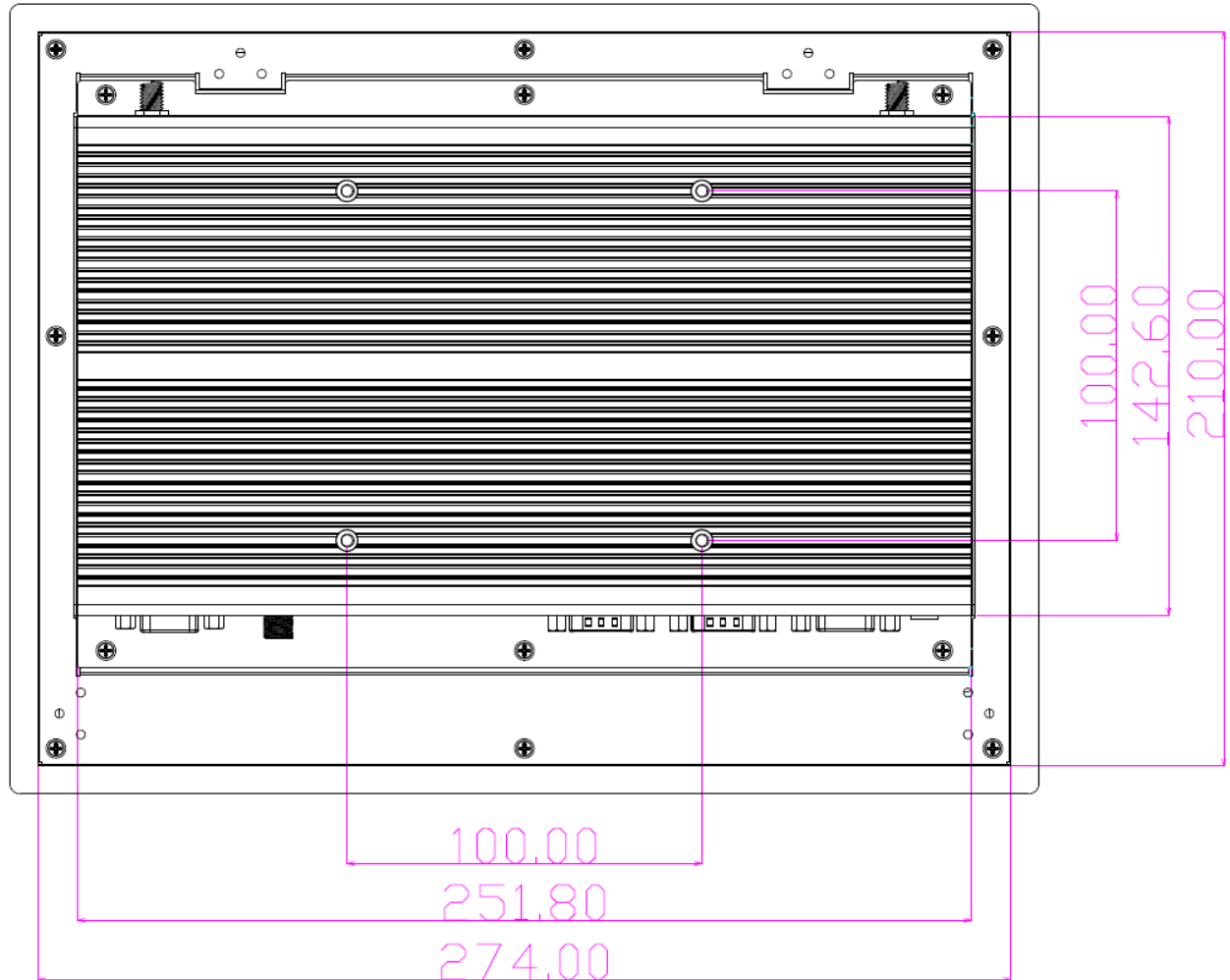
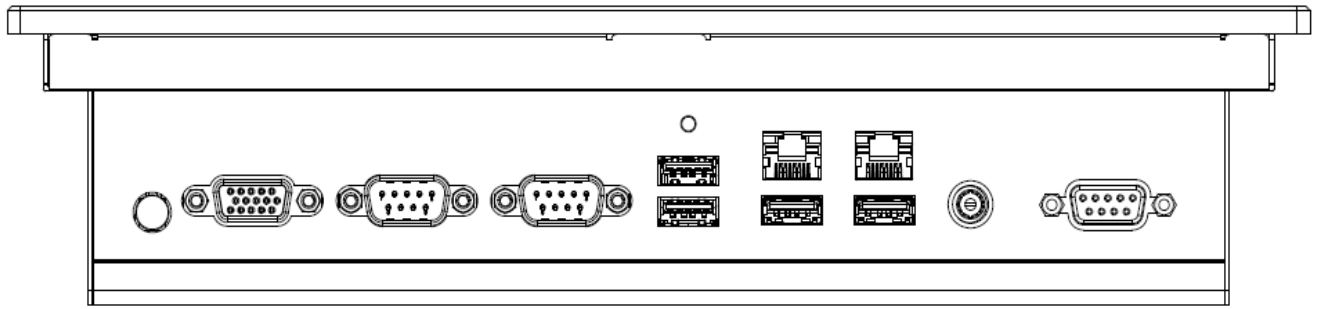
I/O Ports and Switches	- 2* USB3.0 + 2* USB2.0 + 2* USB2.0 (Front) - 2* RS232/422/485 - 1* VGA - 1* 8bit GPIO
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	- 2* LAN (Intel® i211AT GbE) - 1* Locking Jack 9~28V DC input - 1* Power button
Expansion Interface	
Expansion	- 1 * Mini PCIe slot for WIFI or 3G/4G
Power	
Power Input	- AC version: 100~240V AC-DC 60W power adapter or - DC version: 12V_{DC} with over current protection fuse
Power Consumption	- 25W
Dimensions	
Case Dimensions	- 290.0*226.0*63.0mm
Certifications	
Certifications	- CE, FCC
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 ~ 85°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)





Standard Accessories

Part Number	Description
-----	HPC104GR-HD1900B
	Power cord
	60W AC-DC Adapter