

Front IP65 PANEL PC

Front IP65 Design Flat Touch Panel Mount Panel PC

19" LCD Monitor with Intel Haswell Core™ i5-4300U

1280 x 1024, 800nits with 5 Wire Resistive Touchscreen

MODEL: WPCH1900-i5



Features:

- Front IP65 Design
- High performance / low power Intel Haswell Core™ i5-4300U (Optional i7 4650U Processor)
- Anti-scratch 19-inch sunlight viewable 800 nits
- -10 to 60°C operation temperature (optional built-in Intelligent Heater to avoid moisture)
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Touch screen control button to enable/disable touch screen interface

Product Specifications:

TFT Characteristics

Resolutions	1280 x 1024
Brightness	800 cd/m ² (typ.)
Contrast Ratio	1000 : 1 (typ.)
Viewing Angles	-85~85(H);-80~80(V)
Max Colors	16.7M
Touch Screen	5-Wire Resistive Touch

System Specifications

Processor	Intel R Core™ i5-4300U max. 2.9GHz Intel R Core™ i7-4650U max. 3.3GHz (Optional)
BIOS	AMI BIOS
System Chipset	Intel R HD graphics 4400(i5) /5000(i7)
Memory Slot	1x DDR3L SO-DIMM 1600 MHz, 4GB default
Storage	mSATA SSD 64GB default, Optional up to 256GB

Standards and Certifications

Safety	UL60950-1, CSA C22.2 No. 60950-1-07 EN60950-1, IEC60950-1
CE	
FCC	
UL508	
Shock	MIL-STD-810G Method 516.6
Drop	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6

Mechanical Specification

Cooling System	Fanless Design
Dimension(W x H x D)	474mm x 410mm x 143.5mm

Power Specifications

Power Input	9~36V DC input (isolation)
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Environment Considerations

Operating Temperature	-10 deg.C to 60 deg.C (Standard) -40 deg.C to 70 deg.C (with Heater)
Operating Humidity	5 to 95%

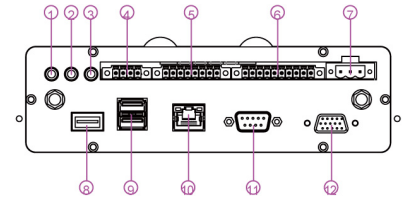
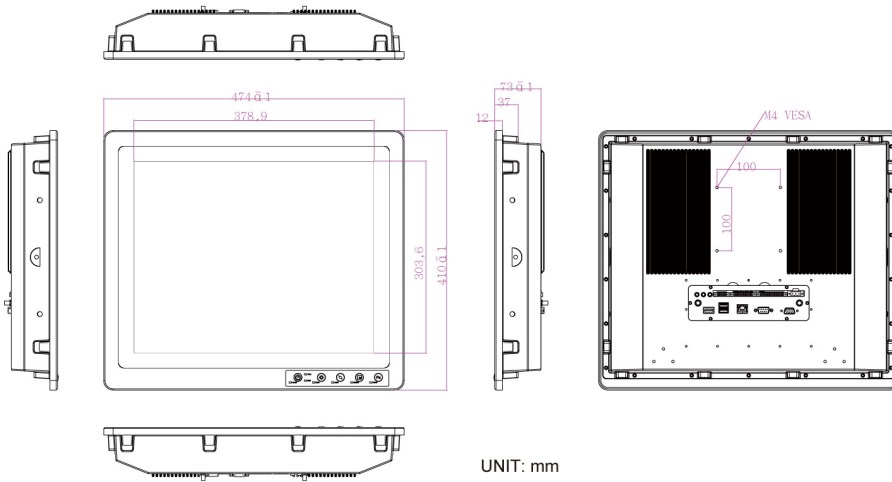
Input/Output Connectors

- 1 x USB 2.0 terminal block
- 1 x LAN terminal block
- 1 x RS232/422/485 terminal block
- 1 x 9~36V DC input terminal block
- 1 x USB 3.0, 2 x USB 2.0 (female type)
- 1 x RJ45 LAN
- 1 x RS232/422/485 (DB9)
- 1 x VGA (DB15)

Operating System (Option)

- Windows Embedded Standard 7
- Windows 7 PRO for Embedded System
- Windows Embedded 8 Standard
- Windows Embedded 8.1 Industrial

Drawing:



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|-----------------------------|---------------------------|
| 1.1 x Line in | 7.1 x 9~36V DCin |
| 2.1 x Mic in | terminal block |
| 3.1 x Line Out | 8.1 x USB2.0 |
| 4.1 x USB2.0 terminal block | 9.1 x USB2.0/3.0 |
| 5.1 x LAN terminal block | 10.1 x RJ45 LAN |
| 6.1 x RS232/422/485 | 11.1 x RS232/422/485(DB9) |
| terminal block | 12.1 x VGA(DB15) |

* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.