

Front IP65 Panel PC

(Intel® Haswell Platform)

Flat Touch Panel Mount Panel PC

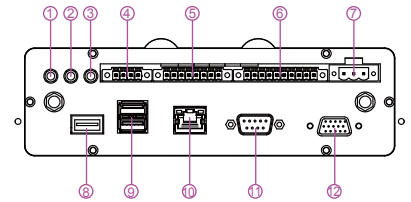
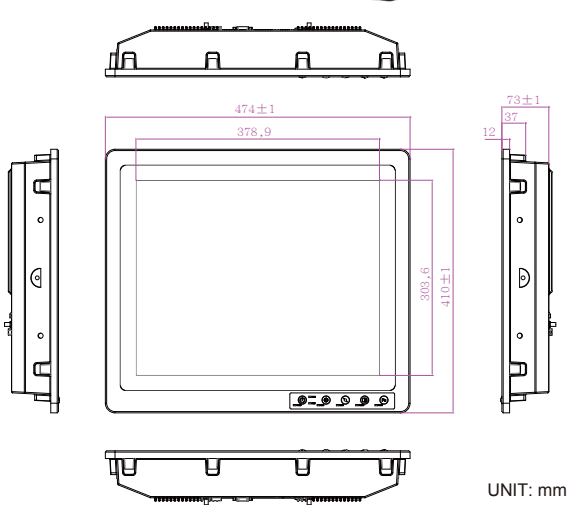
MODEL : R19IHAT-65FTE

Mechanical Design



Features

- Front IP65 Design
- High performance / low power Intel Haswell Core™ i5-4300U (Optional i7 4650U Processor)
- Anti-scratch 19-inch sunlight viewable 300 nits LCD panel (optional 800 nits High Brightness)
- -10 to 60°C operating 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
- Rugged Front Anti-Impact Design (IEC60079-0 section26.4.2)
- Front controll membrane keys Lockable by software



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

System Specifications

TFT Characteristics :

- Resolutions : 1280 x 1024
- Brightness : 300 nits (typ.) / 800 nits (optional)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H);-80~80(V)
- Max Colors : 16.7M
- Touch Screen : 5-Wire Resistive Touch

Mechanical Specification :

- Cooling System : Fanless design
- Dimension(W x H x D) : 474mm x 410mm x 143.5mm
- Gross Weight : 11.68 kg
- Net Weight : 9.76 kg

Power Specifications :

- Power Input : 9~36V DC input (isolation)

Environment Considerations :

- Operating Temperature : -10 deg.C to 60 deg.C (optional Heater to avoid moisture)
- Operating Humidity : 5 to 95%

System Specifications :

- Processor : Intel® Core™ i5-4300U max. 2.9GHz
Intel® Core™ i7-4650U max. 3.3GHz (Optional)
- BIOS : AMI BIOS
- System Chipset : Intel® HD graphics 4400(i5) /5000(i7)
- Memory Slot : 1x DDR3L SO-DIMM 1600 MHz, 4GB default
- Main Storage : mSATA SSD 64GB, option up to 256GB
- Optional Second Storage : 2.5" SSD 64GB to 256GB

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)

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

Operating System (Optional) :

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

Accessories :

- 1 x Driver & Manual CD
- 1 x AC to DC 12V 80W Power Adapter
- 3 x External Cables (VGA / COM / Power)

Rev.	Reasons	Revised Date
1.0	New Release	Jan -07-2015
1.1	Spec change	May-14-2015
1.2	Spec change	Jul-03-2015



Note: All Specifications are subject to change without prior notice!

Revised Date:07/03/2015