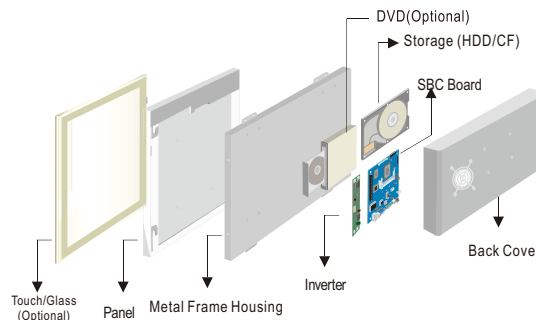


# R15IC7T-0FC3HB 15" Panel PC (Intel® Core™ i7-620M/i5-520M)

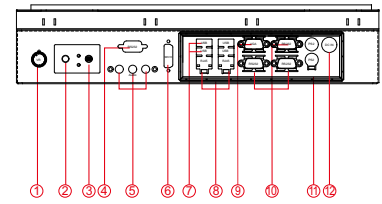
Mechanical Design



Open Frame

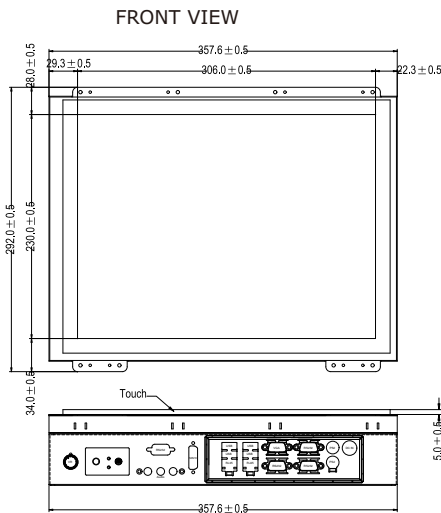


Mechanical design



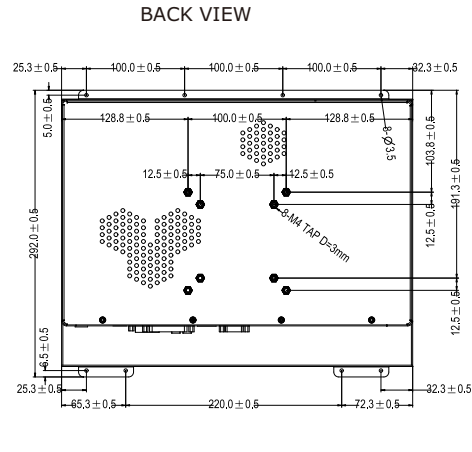
- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Brightness Adjustment Knob | 7. USB                        |
| 2. Power On Button            | 8. RJ-45                      |
| 3. Power Reset Button         | 9. VGA Out                    |
| 4. RS-232 Conn.(Optional)     | 10. RS-232 Conn.              |
| 5. Audio Jack                 | 11. PS/2                      |
| 6. DVI (Optional)             | 12. DC-IN Lockable Power Jack |

Fully Integrated I/O



Dimensions

SIDE VIEW



BACK VIEW

BOTTOM VIEW

- \* Measurements shown in mm
- \* Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
- \* 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.

## Specifications

### System:

- CPU : Intel® Core™ i7-620M/i5-520M Processor (2.66GHz / 2.4GHz)
- Memory : 2 x SO-DIMM, Max 8GB DDR3 1066/800
- System Chipset : Intel® HM55 Chipset
- Storage : 2 x SATA II
- LAN : Dual Broadcom BCM57780 GbE
- Audio Codec : Realtek ALC886 HD Audio Codec

### Input / Output:

- Serial Ports : 2 x RS232, 1 x RS232/422/485
- USB Ports : 4 x USB
- Keyboard / Mouse : 2 x PS/2
- Ethernet : 2 x RJ 45-10/100/1000 Mbps
- VGA : 1 x VGA (female)
- Audio : Line-Out, Line-In, Mic in

• Default setting:RS232

### Expansion Slot:

- 1 x PCI-E(x16), 2 x Mini PCI-E

### Power Specifications:

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 117W (typ.)(Max.backlight & high CPU load)

### Accessories:

- External Power Supply 150W/power cord

### Panel Spec:

- Size/Type : 15" TFT
- Resolutions : 1024 x 768
- Brightness : 800 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 700 : 1(typ.)
- Viewing Angles : -80~80(H);-70~70(V)
- Max Colors : 16.2M(8 bit) / 262K(6 bit)

### Environment Considerations:

- Operating Temperature : 0°C to 50°C
- Operating Humidity : 30% to 90% (non condensing)

### OS BSP / Driver Support :

- Support Windows 7 / Windows XP Embedded / Windows XPP Embedded / Linux

### Order Options:

- |  |  |
|--|--|
| Mechanical : Open Frame<br>Panel Mount(5mm bezel)<br>IP65(10mm bezel)      | Storage : <b>3.5" HDD/CF/Both</b>  |
| Touch : 5 Wires Resistive(Optional)  | RAM : SO-DIMM DDR3 1066/800  |
|  | OS : Windows XPE (Optional)<br>Windows XPPE (Optional)<br>Windows 7 (Optional)<br>Linux (Optional) |
| (A customized housing is needed if you have demands of SAW/IR/IT/SC touch) | DVD : Yes (Optional)   |



SCIGATE AUTOMATION (S) PTE LTD

No.1 Bukit Batok Street 22 #01-01 Singapore 659592  
Tel: (65) 6561 0488 Fax: (65) 6562 0588  
Email: sales@scigate.com.sg Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm



date: 11-May-2017 V1.3

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