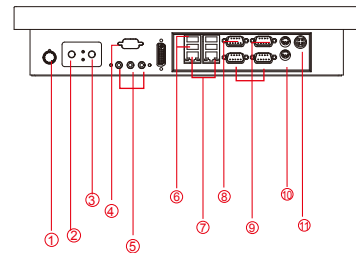
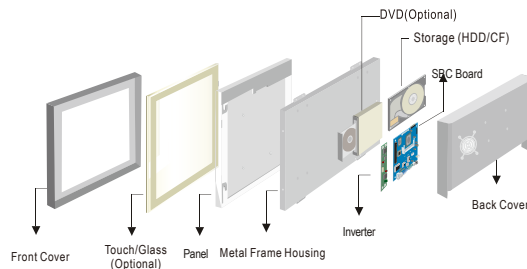


# R17IB7T-CHM1 17" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

## Mechanical Design

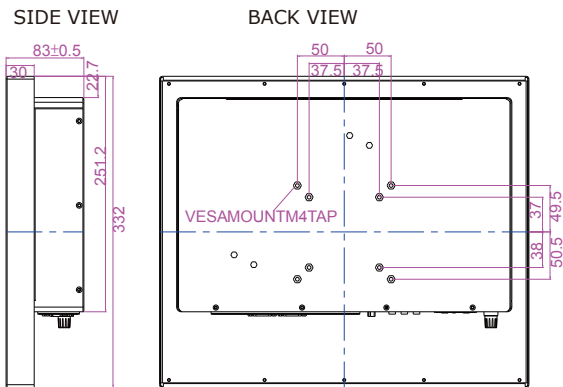
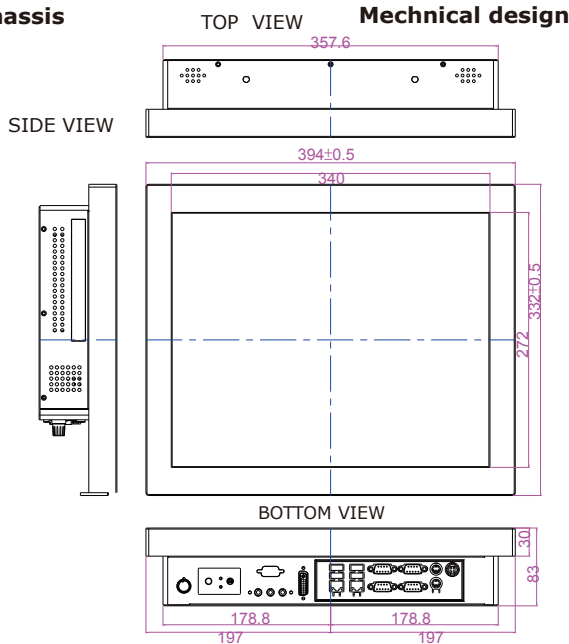


Chassis



1. Brightness Adjustment Knob
2. Power On Button
3. Power Reset Button
4. RS-232 Conn.(Optional)
5. Audio Jack
6. USB(1 x 3.0, 3 x 2.0)
7. RJ-45
8. VGA Out
9. RS-232 Conn.
10. PS/2
11. 12V DC IN

### Fully Integrated I/O



- \* Measurements shown in mm
- \* All Dimensions are ± 0.5 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.

## System Specifications

### System :

- CPU : Intel® Celeron® Bay Trial-M N2930 1.83GHz
- Memory Slot : SODIMM DDR3L 1600/1333 max. 8G
- System Chipset : Intel® Atom SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel® I210-AT GbE LAN x 2
- Audio Codec : Realtek ALC886 HD Audio Codec

### Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
  - USB Ports : 1 x USB 3.0, 3 x USB 2.0
  - Keyboard / Mouse : 2 x PS/2
  - Ethernet : 2 x RJ45-10/100/1000 Mbps
  - VGA : 1 x VGA (female)
  - Audio : Line-out, Line-in, Mic in
- Default setting:RS232

### Expansion Slot :

- 2 x Mini PCIe (1 for WiFi, 1 for 3G Module)
  - 1 x eDP by 2x10 DF-13 connector
- \* A customized housing is needed if you would like to have the PCI expansion.

### Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 59W (typ.)(Max.backlight & high CPU load)

### Accessories :

- External Adapter : 110~240V Ac-in Power Adapter

### Panel Spec :

- Size/Type : 17" TFT
- Resolutions : 1280 x 1024
- Brightness : 350 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M(6bits+FRC)

### Environment Considerations :

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

### Security Support :

- Trusted Platform Module (TPM 1.2)

### Order Options :

- |   |   |
|---|---|
| Mechanical : Chassis                                      | Storage : 2.5" HDD/ mSATA SSD                                 |
| Touch : 5-Wires Resistive(Optional)<br>AR Glass(Optional) | RAM : SODIMM DDR3L<br>1600/1333 max. 8G                       |
|   | OS : Windows 7 embedded /<br>Windows 8 embedded<br>(Optional) |
- (A customized housing is needed if you have demands of SAW/IR/IT/SC touch)

**SCIENCE GATE**  
Your Automation Partner

**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

