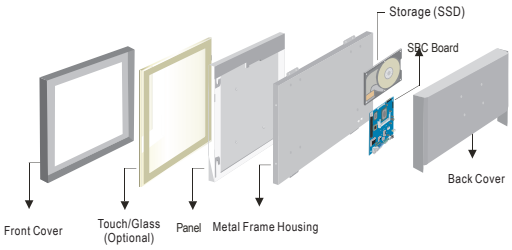
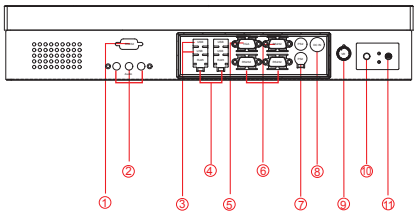
R19ID7T-CHA2WT 19" Panel PC (Intel® Atom Dual Core N2800+NM10 Platform)

Mechanical Design

Chassis



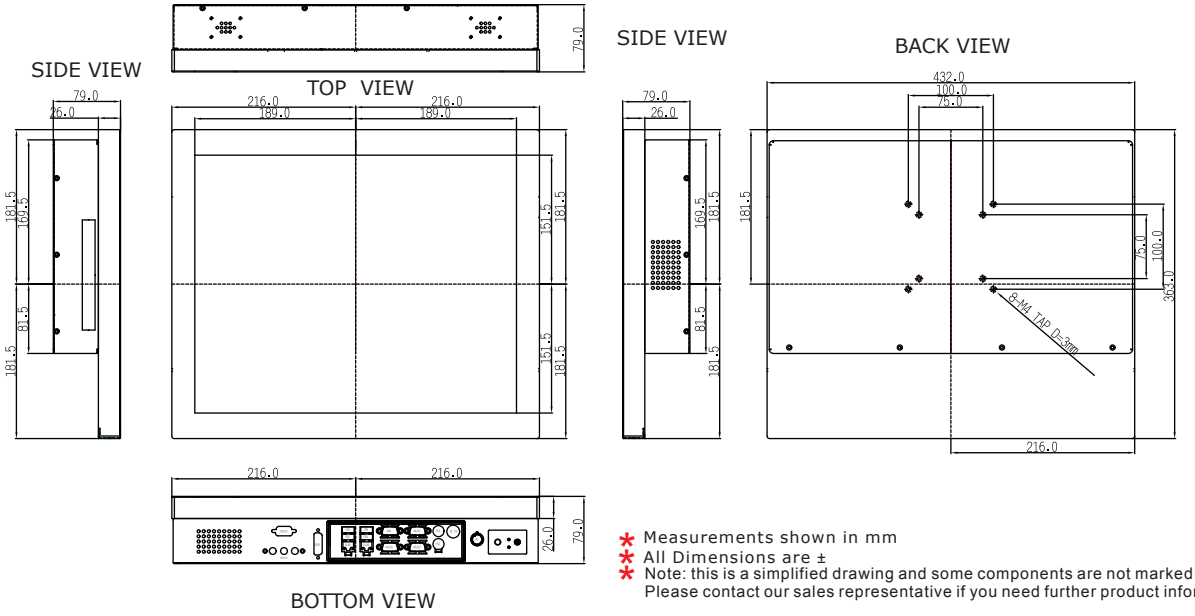
Mechnical design



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

Fully Integrated I/O

Dimensions



* Measurements shown in mm
* All Dimensions are ±
* 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® Atom Dual-core N2800 1.86GHz
- Memory Slot : 1 x SODIMM, Max 4GB DDR3 800/1066
- System Chipset : Intel® NM10
- IDE/SATA : 2 x SATA
- LAN : Dual Broadcom BCM57780 GbE controller
- Audio Codec : Realtek ALC886 HD Audio Codec
- Storage : mSATA SSD 32GB (Default)

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485 ●
- USB Ports : 4 x USB Type-A Receptacle
- 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

Expansi on Slot :

- 1 x Mini PCIe slot (for wireless module)
- 1 x Mini PCIe slot (for 3G module)

Environment Considerations :

- Operating Temperature : -20 deg.C to 60deg.C
- Operating Humidity : 30% to 90% (non condensing)

Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280x1024
- Brightness : 350cd/m (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M colors

Power Specifications :

- Power Input : 12V DC-IN Power input
- Power Consumption : 45W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Power Supply 80W Adapter w/power cord

Order Options :

Touch : 5 Wires Resistive (Optional)
RAM : SODIMM DDR3 1066
OS : Windows 7 embedded / Windows XP embedded (Optional)