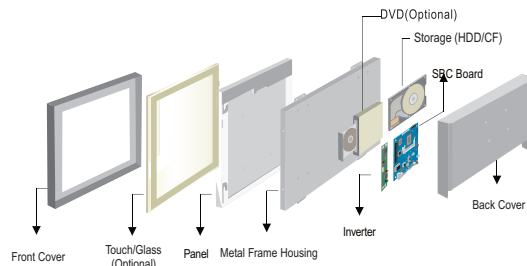


R19ID7T-CHA1 19" Panel PC (Intel® Atom Dual Core D2550+NM10 Platform)

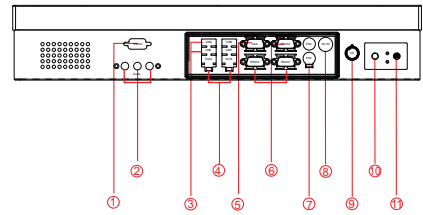
Mechanical Design



Chassis



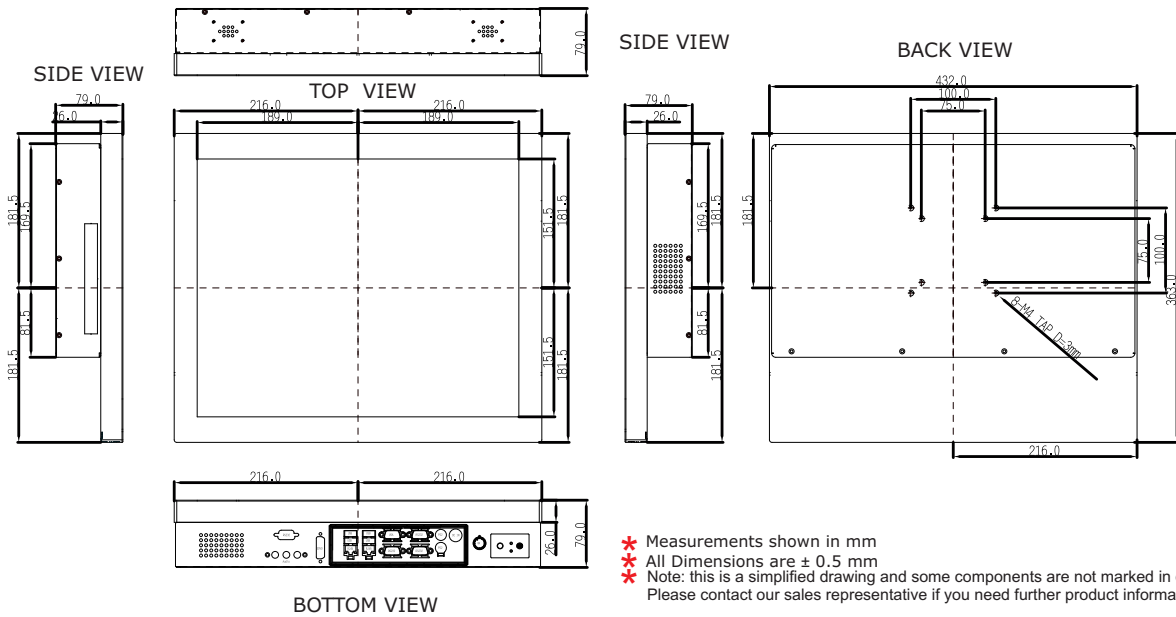
Mechanical design



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

Fully Integrated I/O

Dimensions



* 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.

BOTTOM VIEW

Specifications

System :

- CPU : Intel® Atom Dual Core D2550 1.86GHz Processor
- Memory Slot : DDR3 1600 MHz SO-DIMM Slot, Max. 4GB
- System Chipset: NM10
- IDE/SATA : 2 x SATA
- LAN : Dual Broadcom BCM57780 GbE controller
- Audio Codec : Realtek ALC886 HD Audio Codec

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

Expansion Slot :

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

Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 57W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m²(typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H); -80~80(V)
- Max. Colors : 16.7M (8bits/colors)

Environment Considerations :

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

OS BSP / Driver Support :

- Support Windows 7 embedded / Windows XP embedded

Order Options :

Mechanical : Chassis	Storage : 3.5" HDD/ 2.5" SSD
Touch : 5-Wires Resistive(Optional)	RAM : DDR3 1600 Max 4GB
	OS : Windows 7 embedded / Windows XP embedded (Optional)

(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)



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

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