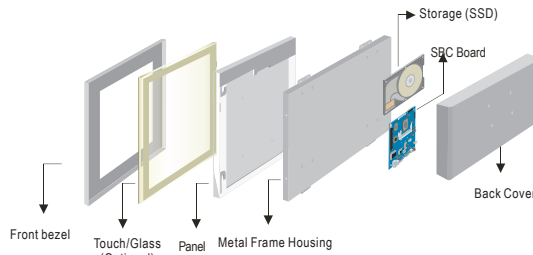


R19ID7T-IPA2WT 19" Panel PC (Intel® Atom Dual Core N2800+NM10 Platform)

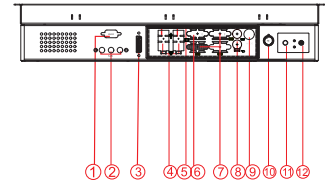
Mechanical Design



Panel Mount (8 mm front bezel)

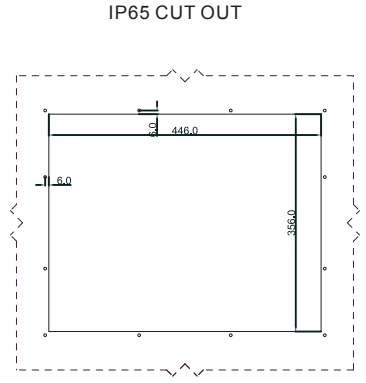
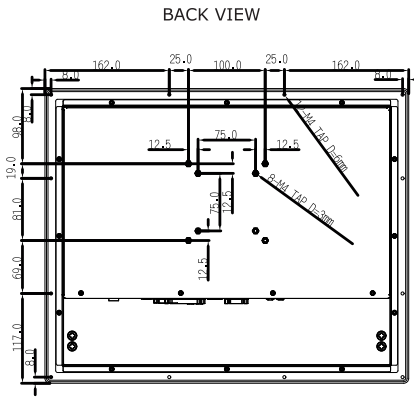
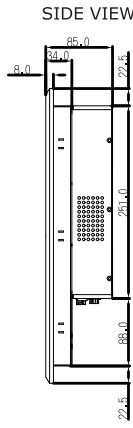
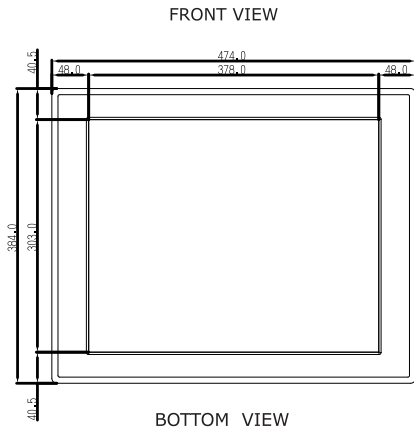


Mechanical design
Dimensions



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

Fully Integrated I/O



* 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® Atom Dual-core N2800 1.86GHz
• Memory Slot	: 1 x SODIMM, Max 4GB DDR3 800/1066
• System Chipset	: Intel® NM10
• Storage	: 2 x SATA II
• 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	

Expansion Slot : (Internal)	
• 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	: 10% to 95% (non condensing)

Panel Spec :	
• Size/Type	: 19" TFT
• Resolutions	: 1280x1024
• Brightness	: 350cd/m ² (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 :	
Mechanical	: IP65 (8mm bezel)
Touch	: 5 Wires Resistive or AR Glass either one
RAM	: SODIMM DDR3 1066
Storage	: mSATA SSD
OS	: Windows 7 embedded / Windows XP embedded (Optional)



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

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