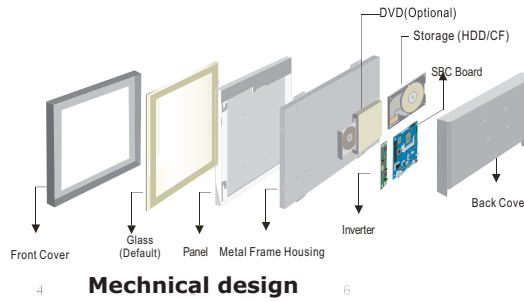


# W27ID7T-CHA1 27" Panel PC (Intel® Atom Dual Core D2550 + NM10 Platform)

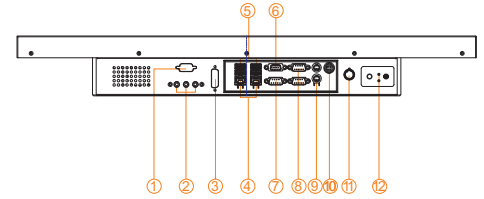
Mechanical Design



Chassis



Mechanical design

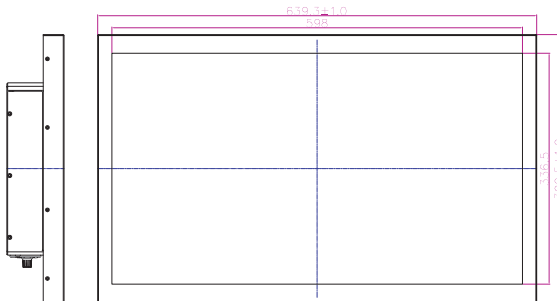


- 1. RS-232(Optional)
- 2. Audio Jack
- 3. DVI (Optional)
- 4. RJ-45
- 5. USB
- 6. VGA
- 7. RS-232/422/485
- 8. RS-232
- 9. PS/2
- 10. 12Vdc Power Jack
- 11. Brightness Adjustment Knob
- 12. Power On/Reset Button

TOP VIEW

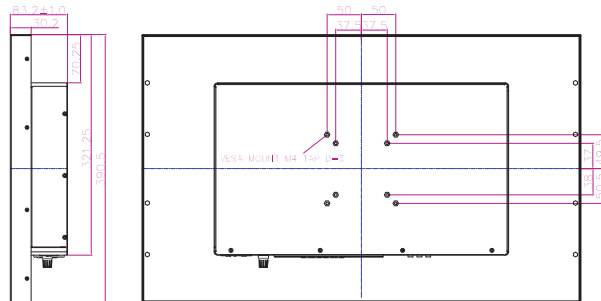


Dimensions  
SIDE VIEW

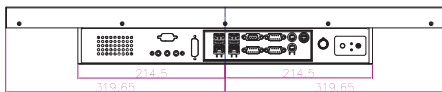


Fully Integrated I/O

BACK VIEW



BOTTOM VIEW



- \* 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.

## Specifications

### System :

- CPU : Intel® Atom Dual Core D2550 1.86GHz Processor
- Memory Slot : DDR3 1066 MHz SO-DIMM Slot, Max. 4GB
- System Chipset: NM10
- Storage : 2 x SATA II
- 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
- 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 :

- 2 x Mini PCIe, 1 x PCI

### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 74W (typ.)

### Accessories :

- External Adapter : 110~230V Ac-in 12V DV-Output Power Adapter

### Panel Spec :

- Size/Type : 27" TFT
- Resolutions : 1920x1080
- Brightness : 300 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 5000:1 (typ.)
- Viewing Angles : -89~89 (H); -89~89 (V)
- Max Colors : 16.7M (8bits/colors)

### Environment Considerations :

- Operating Temperature : 0 deg.C to 45deg.C
- Operating Humidity : 30% to 90% (non condensing)

### OS BSP / Driver Support :

- Support Windows 7 / Windows XP embedded

### Order Options :

Mechanical : Chassis	Storage : 2.5" SATA HDD 320G mSATA SSD 32/64/128G
Touch : SAW (Optional)	RAM : DDR3 1066 Max. 4GB
	OS : Windows 7 / Windows XP embedded (Optional)



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

Revised Date:03/05/2015