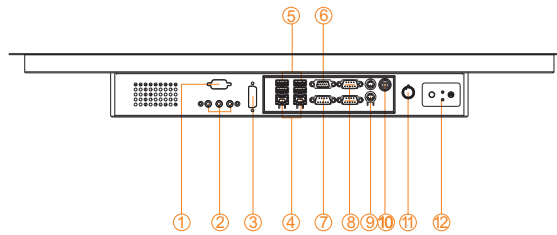


W27ID7T-OFA1 27" Panel PC[®] (Intel Atom Dual Core D2550 + NM10 Platform)

Mechanical Design



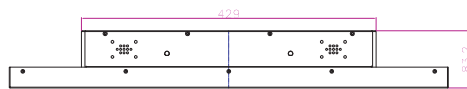
Open Frame



Fully Integrated I/O

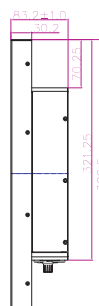
- | | |
|---------------------|--------------------------------|
| 1. RS-232(Optional) | 7. RS-232/422/485 |
| 2. Audio Jack | 8. RS-232 |
| 3. DVI | 9. PS/2 |
| 4. RJ-45 | 10. 12Vdc Power Jack |
| 5. USB | 11. Brightness Adjustment Knob |
| 6. VGA | 12. Power On/Reset Button |

TOP VIEW



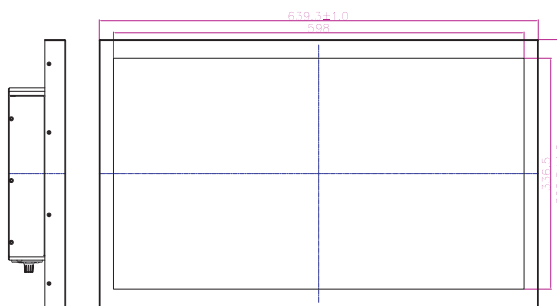
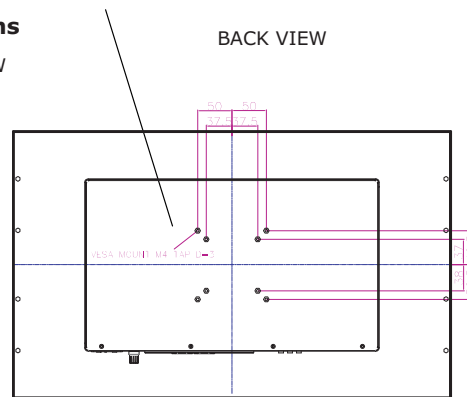
Dimensions

SIDE VIEW

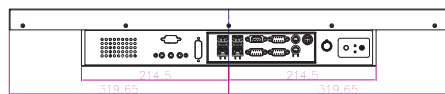


VESA MOUNT

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

Panel Spec :	
• Size/Type	: 27" TFT
• Resolutions	: 1920x1080
• Brightness	: 300 cd/m ² (typ.)
• Contrast Ratio	: 3000:1 (typ.)
• Viewing Angles	: -89~89 (H); -89~89 (V)
• Max Colors	: 16.7M (8bits/colors)

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

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

Expansion Slot :	
•	2 x Mini PCIe, 1 x PCI

OS BSP / Driver Support :	
•	Support Windows 7 / Windows XP embedded

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

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

Accessories :	
• External Adapter	: 110~230V Ac-in 12V DC-Output Power Adapter

SCIENCE GATE
Your Automation Partner

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Business Hours: Monday - Friday 8.30am - 6.15pm

Revised Date:05/11/2013

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