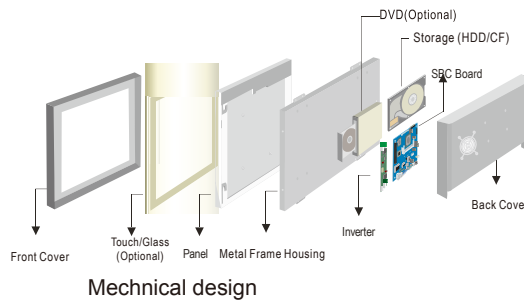


W22IH7T-CHA3 21.5" Panel PC (Intel® 4th Generation Core™ i5 Platform)

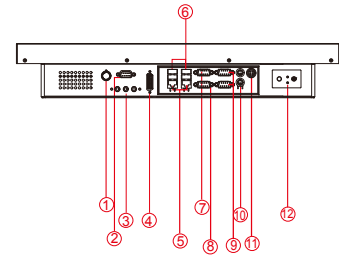
Mechanical Design



Chassis



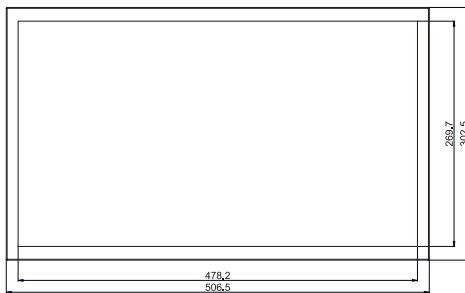
Mechanical design



- | | |
|-------------------------------|---------------------------|
| 1. Brightness Adjustment Knob | 7. VGA |
| 2. RS-232(Optional) | 8. RS-232/422/485 |
| 3. Audio Jack | 9. RS-232 x 2 |
| 4. DVI(Optional) | 10. PS/2 x 2 |
| 5. RJ-45 x 2 | 11. 12V DC IN |
| 6. USB 3.0 x 4 | 12. Power On/Reset Button |

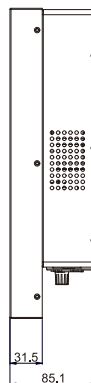
Fully Integrated I/O

TOP VIEW

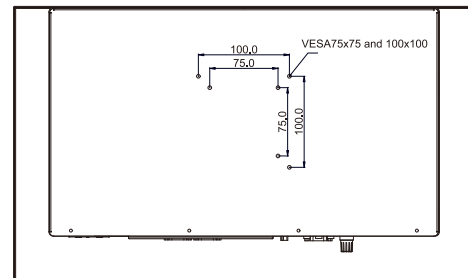


Dimensions

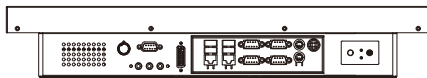
SIDE VIEW



BACK VIEW



BOTTOM VIEW



- * 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 4th® Generation Core™ i5-4200M
2.5GHz (Max. 3.1GHz) Processor
- Memory Slot : 2 x SO-DIMM, Max 16GB DDR3L 1333/1600
- System Chipset : Intel® QM87 Chipset
- IDE/SATA : 2XSATA III
- LAN : Intel® Ethernet Controller I211-AT + Intel® Gigabit Ethernet PHY I218-LM
- Audio Codec : Realtek ALC888 HD Audio Codec

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
 - USB Ports : 4 x USB 3.0
 - 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 PCIe

Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 62W (typ.)

Accessories :

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

Panel Spec :

- Size/Type : 21.5" TFT
- Resolutions : 1920x1080
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angles : -89~89 (H) ; -89~89 (V)
- Max Colors : 16.7M (8bits/colors)

Environment Considerations :

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

OS BSP / Driver Support :

- Support Windows 7 Embedded / Windows 8 Embedded / Windows 10 IoT Enterprise

Order Options :

- | | |
|-------------------------------------|-----------------------------------|
| Mechanical : Chassis | Storage : 2.5" HDD/2.5"SSD |
| Touch : 5 Wires Resistive(Optional) | RAM : DDR3L 1333/1600 MAX
16GB |
| | DVD : Yes(Optional) |

(A customized housing is needed if you have demands of IR touch)



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

date: 28-Jun-2016 V1.4