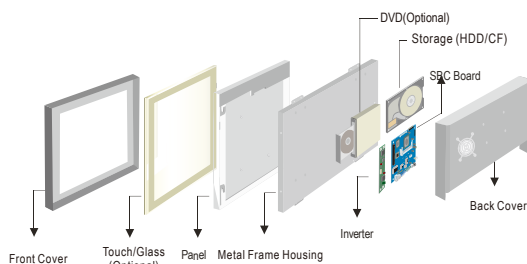


W22IH7T-CHA3 21.5" Panel PC (Intel® 4th Generation Core™ i5 Platform)

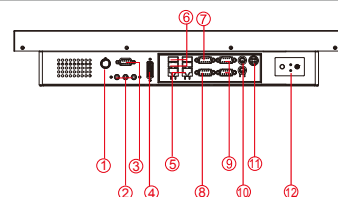
Mechanical Design



Chassis

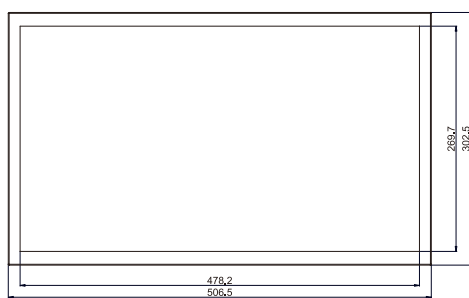


Mechanical Design



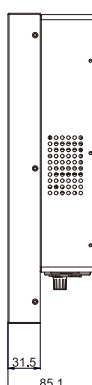
1. Brightness Adjustment Knob
2. Audio Jack
3. RS-232 Conn.(Optional)
4. DVI(Optional)
5. RJ-45
6. USB
7. VGA Out
8. RS232/422/485
9. RS-232 Conn.
10. PS/2
11. 12V DC
12. OSD Membrane

TOP VIEW



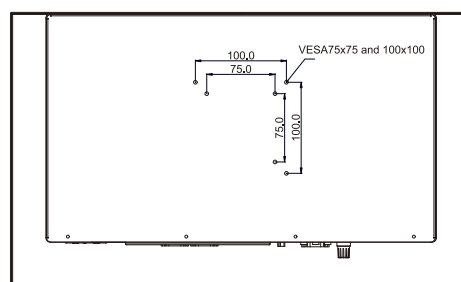
Dimensions

SIDE VIEW

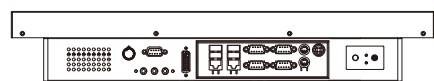


Fully Integrated I/O

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 Specifications :

- CPU : Intel 4th® Generation Core™ i5-4300M 2.6GHz Processor , turbo to 3.3GHz
- System Chipset : Intel QM87 Chipset
- System Memory : 2 x SO-DIMM, Max 16GB DDR3L 1600
- Audio : Realtek ALC886 HD Audio Codec
- Network : Intel Ethernet Controller I210-IT + Intel Gigabit Ethernet PHY I218-LM
- IDE/SATA : 2XSATA III

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 for WiFi, 1 for WWAN Module), 1xPCIe x16
- A customized housing is needed if you would like to have the PCIe expansion.

Power Management :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption: 60W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Display Specifications :

- Size/Type : 21.5" TFT
- Resolution : 1920x1080
- Contrast Ratio : 1000:1
- Brightness : 250nits
- Viewing Angle : -89~89 (H) ; -89~89 (V)
- Max Colors : 16.7M

Environment :

- 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/ mSATA SSD
Touch : 5 Wires Resistive (Optional) AR Glass(Optional)	RAM : DDR3L 1600 Max 16GB
	OS : Windows 7 embedded/ : Windows 8 Embedded : Windows 10 IoT Enterprise
<small>(A customized housing is needed if you have demands of SAW/IR/SC touch)</small>	