



## Features

- Fanless design
- Intel® Atom™ Z510 1.1GHz CPU built-in, upgrade to Z530 1.6GHz CPU
- 8" High brightness TFT LCD with resolution of 800x600
- NEMA 4/ IP 65 compliant front panel
- Sealed resistive touch screen
- 1GB DDR2 400MHz DRAM built-in
- DC 9~32V wide-range power input



## Specifications

### System

|                    |                                                                                                                                            |  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--|
| Processor          | Intel® Atom™ Z510 1.1GHz CPU Default, upgrade to Z530 1.6GHz CPU                                                                           |  |
| System Memory      | 1GB DDR2 400MHz DRAM default                                                                                                               |  |
| System Chipset     | Intel® US15W                                                                                                                               |  |
| External I/O Port  | - 2 x USB 2.0 ports<br>- 2 x RJ-45 LAN ports<br>- 1 x RS232 (COM1)<br>- 1 x RS232/422/485 (COM2)<br>- 1 x Line-out<br>- 1 x DC power input |  |
| Solid Storage Disk | 1 x 2.5" PATA HDD, 1 x internal CF slot, 1 x SD Slot (SD for storage only)                                                                 |  |
| Expansion Slots    | None                                                                                                                                       |  |
| OS Support         | Windows® CE 5.0, XP Pro, XP embedded                                                                                                       |  |

### LCD

|                    |                          |
|--------------------|--------------------------|
| Display Type       | 8" TFT-LCD               |
| Max. Resolution    | 800x600                  |
| Max. Color         | 262K                     |
| Luminance (cd/m²)  | 400                      |
| View Angle         | H:130° / V:120°          |
| Backlight Lifetime | 40,000hrs, LED Backlight |

### Touch Screen

|                    |                  |
|--------------------|------------------|
| Type               | Analog resistive |
| Light Transmission | 80%              |

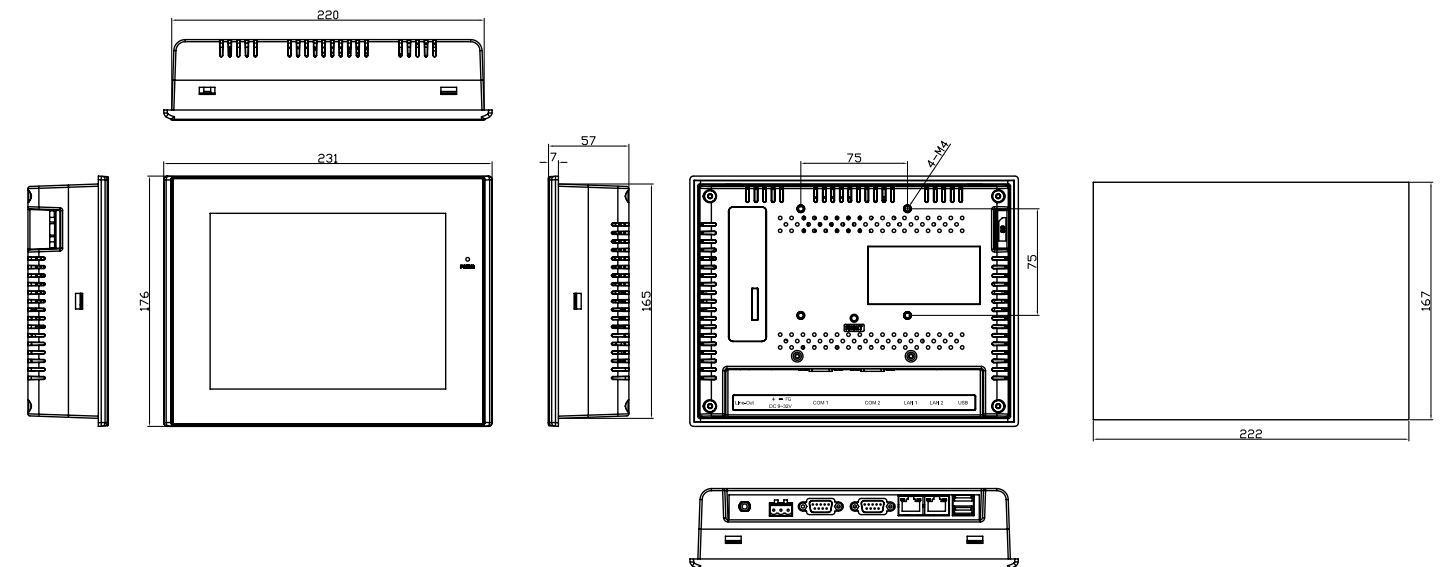
### Power Supply

|             |          |
|-------------|----------|
| Power Input | DC 9~32V |
|-------------|----------|

### Mechanical

|              |                                     |
|--------------|-------------------------------------|
| Construction | Plastic molding housing             |
| Color        | Black                               |
| IP Rating    | NEMA 4 /IP 65 compliant front panel |
| Mounting     | Panel / VESA 75x75 Mount            |
| Dimension    | 231(W)x176(H)x57(D) mm              |
| Net Weight   | 3.5kgs                              |

## Dimension



### Environmental

|                       |                               |
|-----------------------|-------------------------------|
| Operating Temperature | 0~50 °C                       |
| Storage Temperature   | -20~60 °C                     |
| Storage Humidity      | 10~90% @40 °C, non-condensing |
| Certificate           | Meet CE/FCC Class A           |

### Ordering Information

|          |                                                                         |
|----------|-------------------------------------------------------------------------|
| AHM-6088 | 8" Intel Atom Z510 Low Power Fanless HMI w/1GB DDR2 SDRAM, Touch Screen |
|----------|-------------------------------------------------------------------------|