



### Features

- Fanless
- Intel® Atom™ N270 1.6GHz processor, FSB 533 MHz
- NEMA 4/ IP 65 compliant front panel
- Sealed resistive touch screen
- One 200-pin SO-DIMM socket, up to 2GB DDR2 533 MHz SDRAM
- DC 11~32V wide-range power input



### Specifications

#### System

|                   |  |
|-------------------|--|
| Processor         | Intel® Atom™ N270 1.6 GHz built-in, FSB 533 MHz  |
| System Memory     | 1 x 200-pin SO-DIMM socket, support 533 MHz up to 2GB DDR2 SDRAM   |
| System Chipset    | Intel® 945GSE + ICH7M  |
| External I/O Port | <ul style="list-style-type: none"> <li>• 4 x USB ports</li> <li>• 2 x RJ-45 ports (GbE)</li> <li>• 2 x DB-9 (COM1/3, RS-232)</li> <li>• 1 x DB-9 (COM2, RS-232/422/485, default RS-232)</li> <li>• 1 x VGA port</li> <li>• 1 x Audio Line-out</li> <li>• 1 x DC power input</li> </ul> |
| Storage           | 1 x 2.5" SATA HDD, 1 x external CF slot  |
| Expansion Slots   | None   |
| OS Support        | Windows® CE 5.0, XP Pro, XP Embedded, Windows® 7   |

#### LCD

|                    |                 |
|--------------------|-----------------|
| Display Type       | 19" TFT-LCD     |
| Max. Resolution    | 1280x1024       |
| Max. Color         | 16.7M           |
| Luminance (cd/m²)  | 300             |
| View Angle         | H:160° / V:160° |
| Backlight Lifetime | 50,000hrs       |

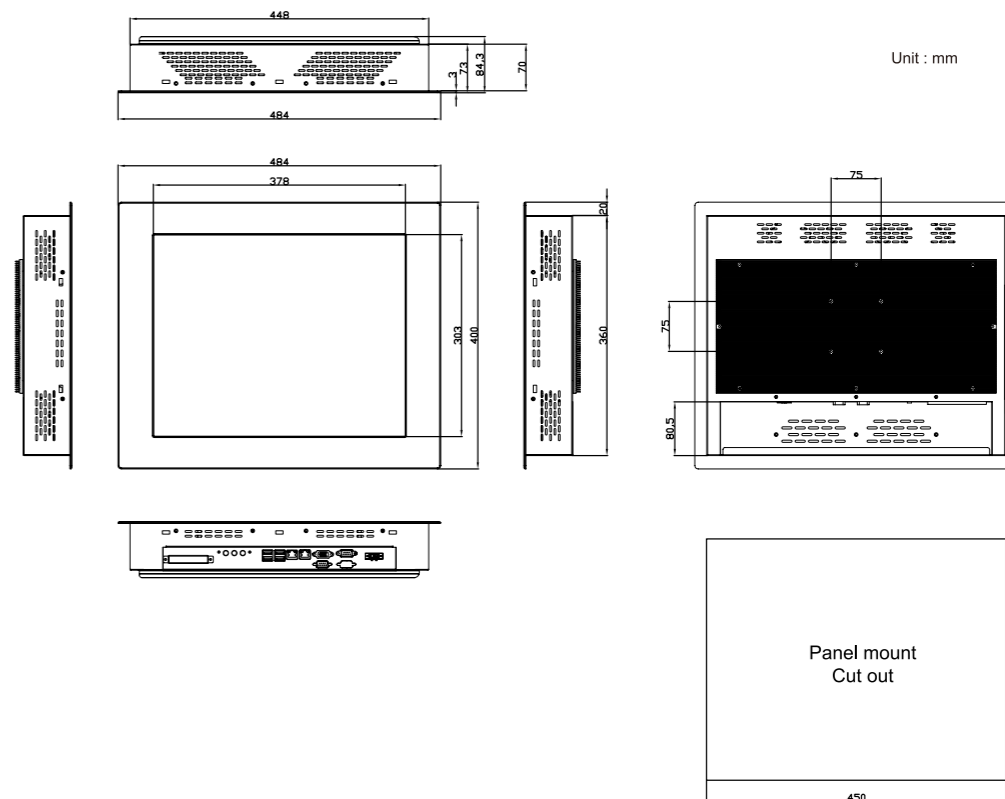
#### Touch Screen

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

#### Power Supply

|             |           |
|-------------|-----------|
| Power Input | DC 11~32V |
|-------------|-----------|

### Dimension



#### Mechanical

|              |                                     |
|--------------|-------------------------------------|
| Construction | Metal front panel and metal housing |
| Color        | Black                               |
| IP Rating    | NEMA 4/ IP 65 compliant front panel |
| Mounting     | Panel / VESA 75x75 Mount            |
| Dimension    | 484(W)x400(H)x84.3(D)mm             |
| New Weight   | 13.8kgs                             |

#### 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-6197A  | 19" Intel® Atom™ N270 low power Fanless HMI                   |
| AHM-6197AT | 19" Intel® Atom™ N270 low power Fanless HMI with touch screen |