



## Features

- 15" color TFT LCD
- Fanless Design
- Intel Celeron N2930 1.83GHz Processor (E3845 Processor for option)
- Onboard 2GB DDR3L
- 9~36V DC Wide-ranging Power Input
- 5 Sides IP65
- 5-wire Resistive Touch Screen



## Specifications

### System

|                |                                                                                      |
|----------------|--------------------------------------------------------------------------------------|
| Processor      | Onboard Intel Celeron N2930(1.83GHz)<br>Onboard Intel Atom E3845(1.91GHz) for option |
| System Chipset | SoC                                                                                  |
| System Memory  | Onboard 2GB DDR3L SDRAM<br>Onboard 4GB DDR3L SDRAM for option                        |
| Storage        | 1 x 2.5" HDD Space<br>1 x Internal SD slot onboard                                   |

### External I/O

|                 |                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------|
| USB             | 3 x USB 2.0 type A<br>1 x USB 3.0 type A                                                   |
| Serial/Parallel | 1 x RS-232/422/485 DB-9 selectable, Default RS-485, COM1<br>2 x RS-232 DB-9, COM2 and COM3 |
| Audio           | 2 x Line-out, phone jack                                                                   |
| LAN             | 2 x GbE LAN RJ-45                                                                          |
| Power           | 1 x 3-pin terminal block connector<br>1 x Power Switch on/off                              |

### Expansion

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| On board expansion bus | 1 x Mini PCIe full size<br>Optional WiFi/BT with Antenna |
|------------------------|----------------------------------------------------------|

### LCD

|                    |                 |
|--------------------|-----------------|
| Display Type       | 15" TFT LCD     |
| Max. Resolution    | 1024 x 768      |
| Max. Color         | 16.7M           |
| Contrast Ratio     | 800 : 1         |
| Luminance (cd/m²)  | 400             |
| View Angle         | H: 160 / V: 140 |
| Backlight Lifetime | 50,000 hrs      |

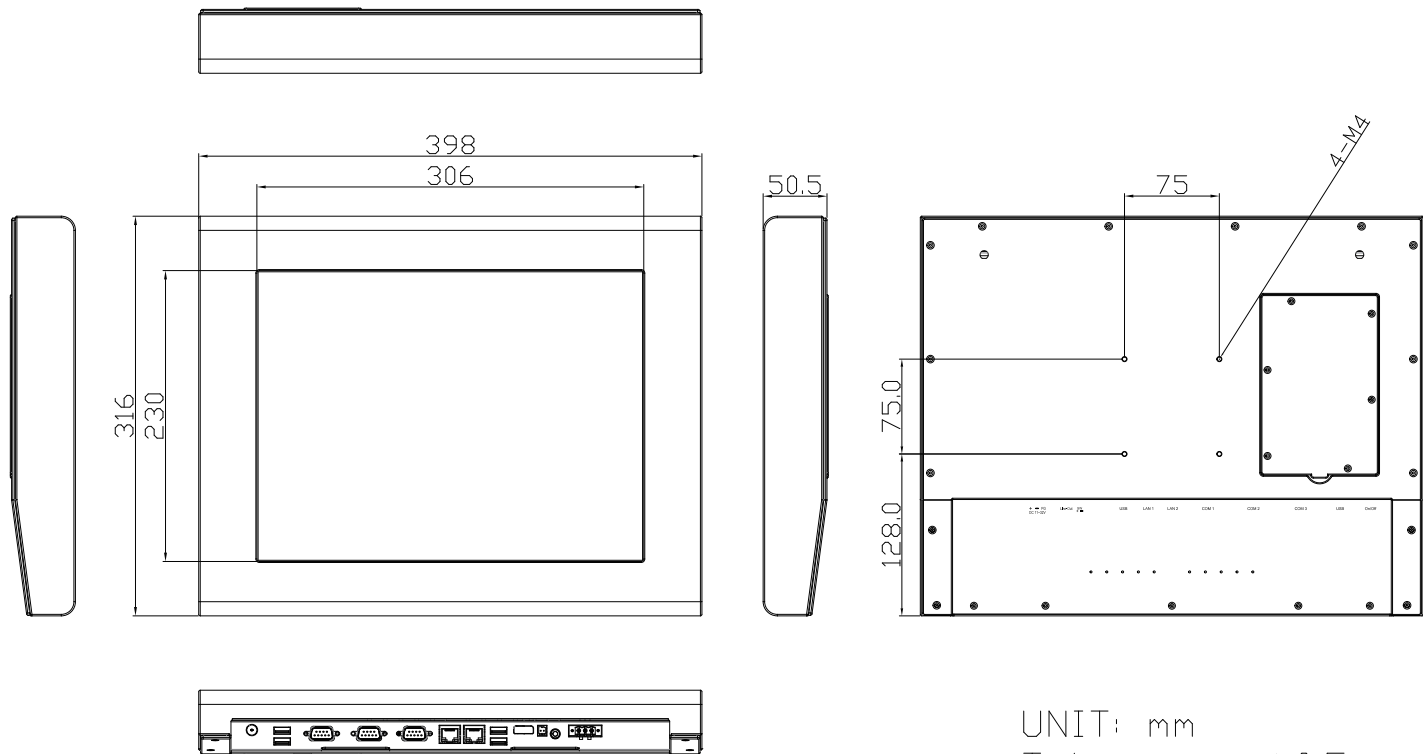
### Touch Screen

|                        |                        |
|------------------------|------------------------|
| Type                   | Resistive Touch Window |
| Interface              | USB                    |
| Light transmission (%) | 80%                    |

### Power

|                   |            |
|-------------------|------------|
| Power input       | 9~36V DC   |
| Power Consumption | MAX: 18.6W |

## Dimensions



UNIT: mm  
Tolerance: ±0.5

### Mechanical

|               |                             |
|---------------|-----------------------------|
| Chassis Color | Stainless Steel Chassis     |
| IP Rating     | 5 sides IP65 with I/O cover |
| Mounting      | VESA Mount 75x75            |
| Dimension     | 398 x 316 x 50.5 mm         |
| Net Weight    | 6.3Kg                       |

### Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| Operating temperature(°C) | 0~50°C                            |
| Storage temperature(°C)   | -30°C~70°C                        |
| Storage humidity          | 10 to 90% @ 40°C, non- condensing |
| Certificate               | CE / FCC Class A                  |

### Operating System Support

Windows 7 Professional for Embedded Systems,  
Windows 7 Ultimate for Embedded System,  
Windows Embedded 8.1 Pro,  
Windows Embedded 8.1 Industry pro

### Ordering information

|                          |                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APC-3584BT<br>(Barebone) | 15" XGA 5 sides IP65 Intel Celeron N2930 1.83G Fanless Panel PC,<br>DDR3L 2G onboard, Resistive touch, 9~36V DC power input with<br>adaptor, stainless steel enclosure                |
| APC-3584BT-01            | 15" XGA 5 sides IP65 Intel Celeron N2930 1.83G Fanless Panel PC,<br>DDR3L 2G onboard, 320G SATA HDD, Resistive touch, 9~36V DC<br>power input with adaptor, stainless steel enclosure |