

**IP65****17 Inch****1024 x 768**

## IP65-PW22 Series

 Intel® Gen 3<sup>th</sup>/4<sup>th</sup>/6<sup>th</sup> Core™ i5/ i7 Celeron j1800 j1900 3855u

Processor-Based Industrial Touch Panel All in One PC

### Key Features:

- Industrial grade 17 inch TFT SXGA LCD Panel
- Rich I/O: Power switch, 2-3 x COM, Audio, 2-3 x USB2.0, 1-2 x USB3.0, VGA, HDMI, LAN
- Single SODIMM for up to 8GB DDR3L Memory
- Rich Storage: mSATA SSD, 2.5 Inch SSD/HDD
- Embedded Expansion: Mini PCIe for WiFi/4G, with SIM slot onboard

### Specifications:

|                  |                       |                                                 |
|------------------|-----------------------|-------------------------------------------------|
| Mechanical       | Front Panel           | IP65 standard                                   |
|                  | Material              | Aluminum alloy                                  |
|                  | Opening Size          | 401 x 334.5mm (L x W)                           |
|                  | Measurement           | 412.5 x 345.5 x 54.8mm                          |
|                  | Weight                | 7.6Kgs                                          |
|                  | Installation Method   | Embedded/wall-mounted/desktop/cantilevered      |
| Processor        | CPU                   | Intel® Core™ i3 i5 i7 Celeron j1800 j1900 3855u |
|                  | Watchdog Timer        | 255 levels                                      |
| Memory           | Type                  | DDR3L                                           |
|                  | Socket                | 1 x SO-DIMM                                     |
|                  | Max Size              | 8GB                                             |
| LCD              | Display Type          | 17 Inch TFT SXGA                                |
|                  | Resolution            | 1024 x 768                                      |
|                  | Lumens(cd/m2)         | 400                                             |
|                  | Contrast              | 800                                             |
|                  | Backlight Life        | 30,000 hours (min.)                             |
| Touch Panel      | Touch Type            | 10-point capacitive                             |
|                  | Transmittance         | 86±5% at 550 nm wavelength                      |
| Storage          | Socket 1              | 1 x mSATA SSD                                   |
|                  | Socket 2              | 1 x 2.5" SATA 6 Gb/s                            |
| Function         | Auto Power On         | Enabled                                         |
| Operation System | Windows               | Windows 10 Pro (64-bit)                         |
|                  | Linux                 | Support                                         |
| Power            | Power Type            | 12V4A/5A DC-IN                                  |
| Environment      | Operating Temperature | 0 ~ 50°C with SSD<br>0 ~ 40°C with HDD          |
|                  | Operating Humidity    | 10 ~ 95% @ 40°C (non-condensing)                |
| Certification    |                       | CE, FCC, Rohs                                   |

### Figure:



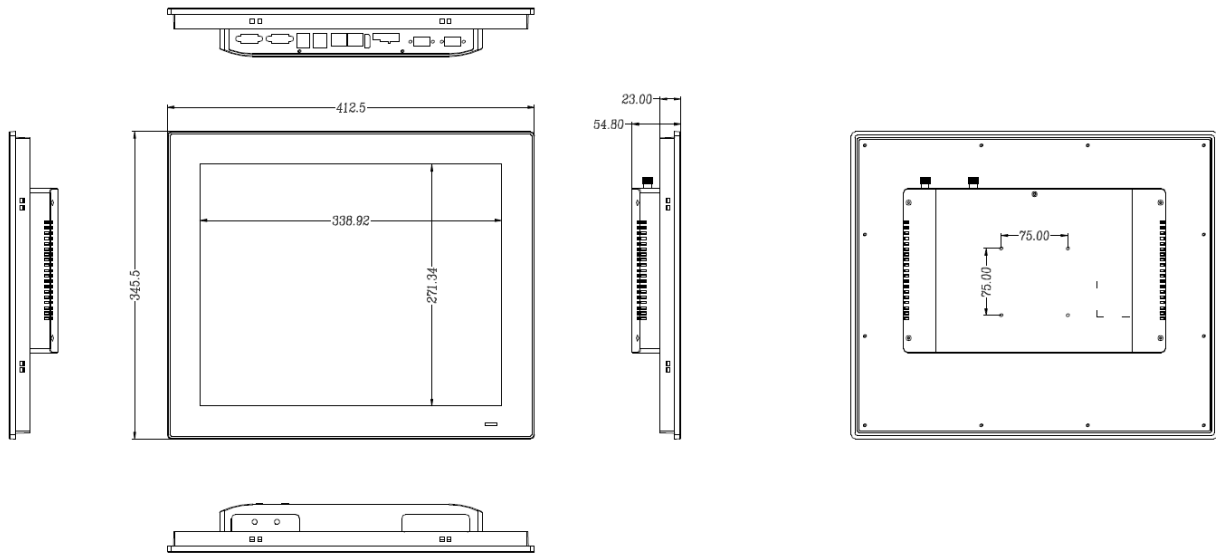
### Ordering Information:

| Model      | CPU                                   |
|------------|---------------------------------------|
| PW22-J1800 | Intel® Celeron® Processor J1800       |
| PW22-J1900 | Intel® Celeron® Processor J1900       |
| PW22-3855U | Intel® Celeron® Processor 3855U       |
| PW22-3317U | Intel® Core™ i5 3317U/3337U Processor |
| PW22-3537U | Intel® Core™ i7 3537U Processor       |

## PW22- Install Illustration

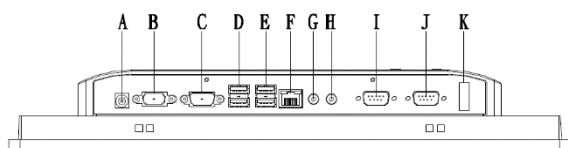
**Size**

**Unit: mm**



**Opening Hole Size: 401 x 334.5mm**

## PW22-J1800/J1900/3855u - I/O



- |                   |                  |
|-------------------|------------------|
| A. DC_IN (12V)    | G. AUDIO_OUT     |
| B. VGA            | H. MIC_IN        |
| C. COM1 (RS-232)  | I. COM2 (RS-232) |
| D. USB2.0, USB3.0 | J. COM3 (RS-232) |
| E. 2 x USB 2.0    | K. POWER_SW      |
| F. RJ45 LAN       |                  |

Note: I3/I5/I7 with HDMI and without COM3 (RS-232)