



## ARP-3824AX-E01-0Q7-DR

NEMA 4X / IP66 Waterproof Web Client Panel PC with 24-inch PCAP Touch Screen

### Features

- 24" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- Stainless Steel Enclosure
- Meets NEMA 4X / IP66 requirements
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- 4GB DDR3 SO-DIMM
- Gigabit Ethernet
- 2x USB 2.0 ports

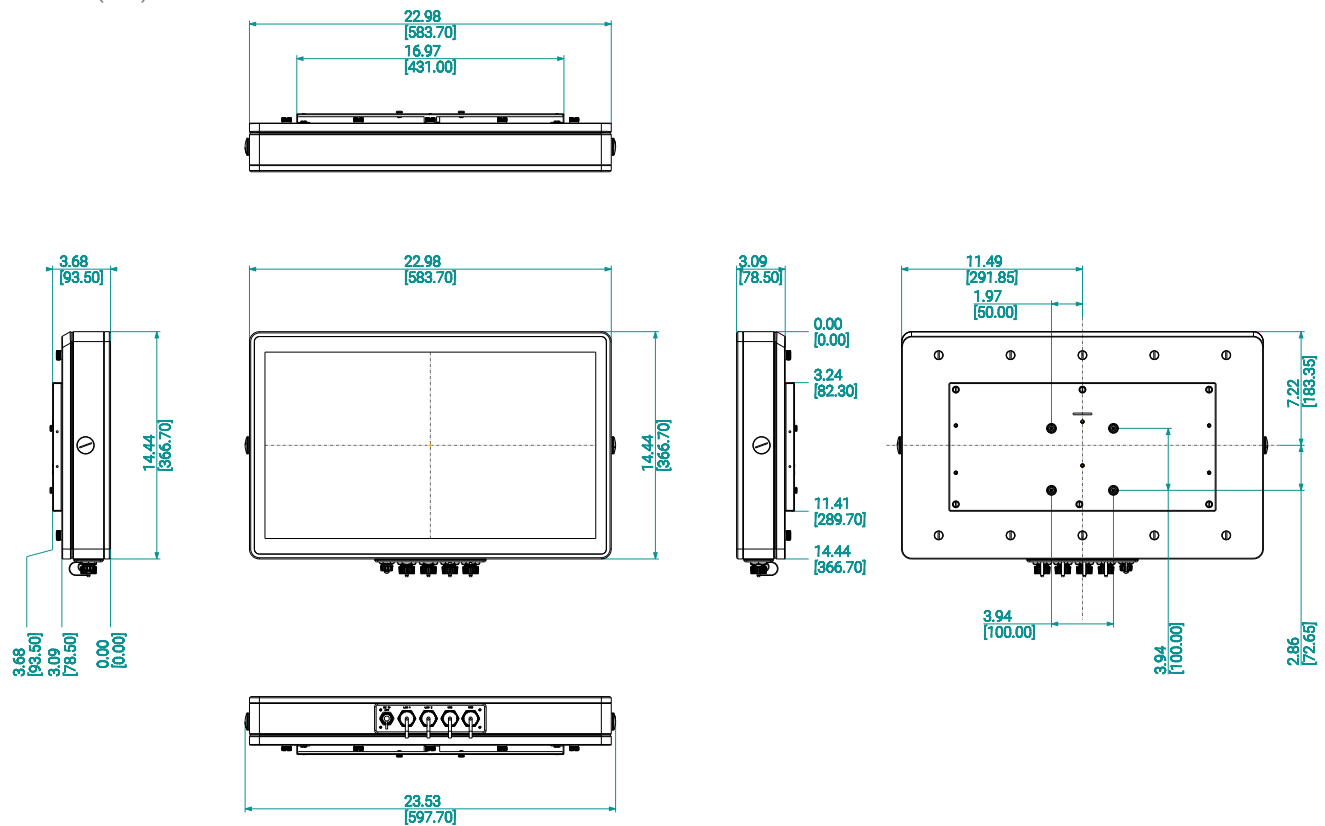
### Specifications

| Model Name                    | ARP-3824AX-E01-0Q7-DR                                    |
|-------------------------------|----------------------------------------------------------|
| <b>LCD Display</b>            |                                                          |
| Display Size                  | 24 inch                                                  |
| Max Resolution                | 1920 x 1080                                              |
| Backlight Lifetime            | 50,000 hours                                             |
| <b>Visual Characteristics</b> |                                                          |
| Colors                        | 16.7 million                                             |
| Aspect Ratio                  | 16:9                                                     |
| Viewing Angle (V/H)           | 178° / 178°                                              |
| Contrast Ratio                | 1000 : 1                                                 |
| Brightness                    | 250 nits                                                 |
| <b>Touchscreen</b>            |                                                          |
| Technology                    | Projected Capacitive                                     |
| Interface                     | USB                                                      |
| Driver                        | ThinManager Supported Driver                             |
| <b>Enclosure</b>              |                                                          |
| NEMA 4                        | N/A                                                      |
| NEMA 4x                       | Stainless Steel 316L                                     |
| <b>System</b>                 |                                                          |
| CPU                           | Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU |
| Chipset                       | Bay Trail                                                |
| Memory                        | 4GB DDR3 SO-DIMM                                         |
| Video Controller              | Intel Gen7 Intel Graphics DX 11, OGL3.2                  |
| External Video Output         | N/A                                                      |
| Storage Option                | SSD                                                      |
| Compact Flash                 | N/A                                                      |
| Keyboard / Mouse              | USB                                                      |
| Audio                         | N/A                                                      |
| Watchdog Timer                | Programmable 1 - 255 sec                                 |
| Expansion Slot                | N/A                                                      |
| <b>I/O Communication</b>      |                                                          |
| USB Port                      | 2 x USB 2.0                                              |
| Serial Port                   | N/A                                                      |
| IEEE 1394                     | N/A                                                      |
| LAN                           | 1 x Gigabit                                              |
| Parallel                      | N/A                                                      |
| GPIO                          | N/A                                                      |
| <b>Smart Battery</b>          |                                                          |
| External Smart Battery        | N/A                                                      |
| <b>OS Support</b>             |                                                          |
| Web OS                        | Q8 Edge                                                  |
| <b>Power/Thermal Specs</b>    |                                                          |
| Power Requirement (Max)       | 24VDC / 2.5A                                             |
| Power Consumption (Max)       | 60 W                                                     |
| Recommended Power Supply      | 85 W                                                     |
| Heat Dissipation              | 203 BTU/hr                                               |
| <b>Physical Information</b>   |                                                          |
| Mounting                      | Pedestal, VESA, Wall mount, Benchtop                     |
| Net Weight                    | 34 Lbs / 15.5 Kg                                         |
| Dimension (W x H x D)         | 22.61 x 14.06 x 3.55 inch<br>574.2 x 357.2 x 90.2 mm     |
| IP/NEMA Rating                | Meets NEMA 4X / IP66                                     |
| Certification                 | N/A                                                      |
| <b>Environmental</b>          |                                                          |
| Operating Temperature         | 0~50°C (32~122°F)                                        |
| Storage Temperature           | -20~60°C (-4~140°F)                                      |
| Relative Humidity             | 0~95%                                                    |

## Dimension Drawing

ARP-3824AX-E01-0Q7-DR

Size Unit: inch(mm)



## Ordering Information

| Item         | ARP-3824AX-E01-0Q7-DR                                    |
|--------------|----------------------------------------------------------|
| LCD Display  | 24" LCD / 1920 x 1080                                    |
| Touch Screen | Projected Capacitive                                     |
| Enclosure    | Stainless Steel                                          |
| CPU          | Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU |
| Memory       | 4GB DDR3                                                 |
| Storage      | SSD                                                      |
| Web OS       | Q8 Edge                                                  |
| Power Supply | 110/220VAC Input DIN-Rail                                |