



## ARP-3855BP-E01-003

VESA Mount Web Client Panel PC with 55 inch PCAP Touch Screen

### Features

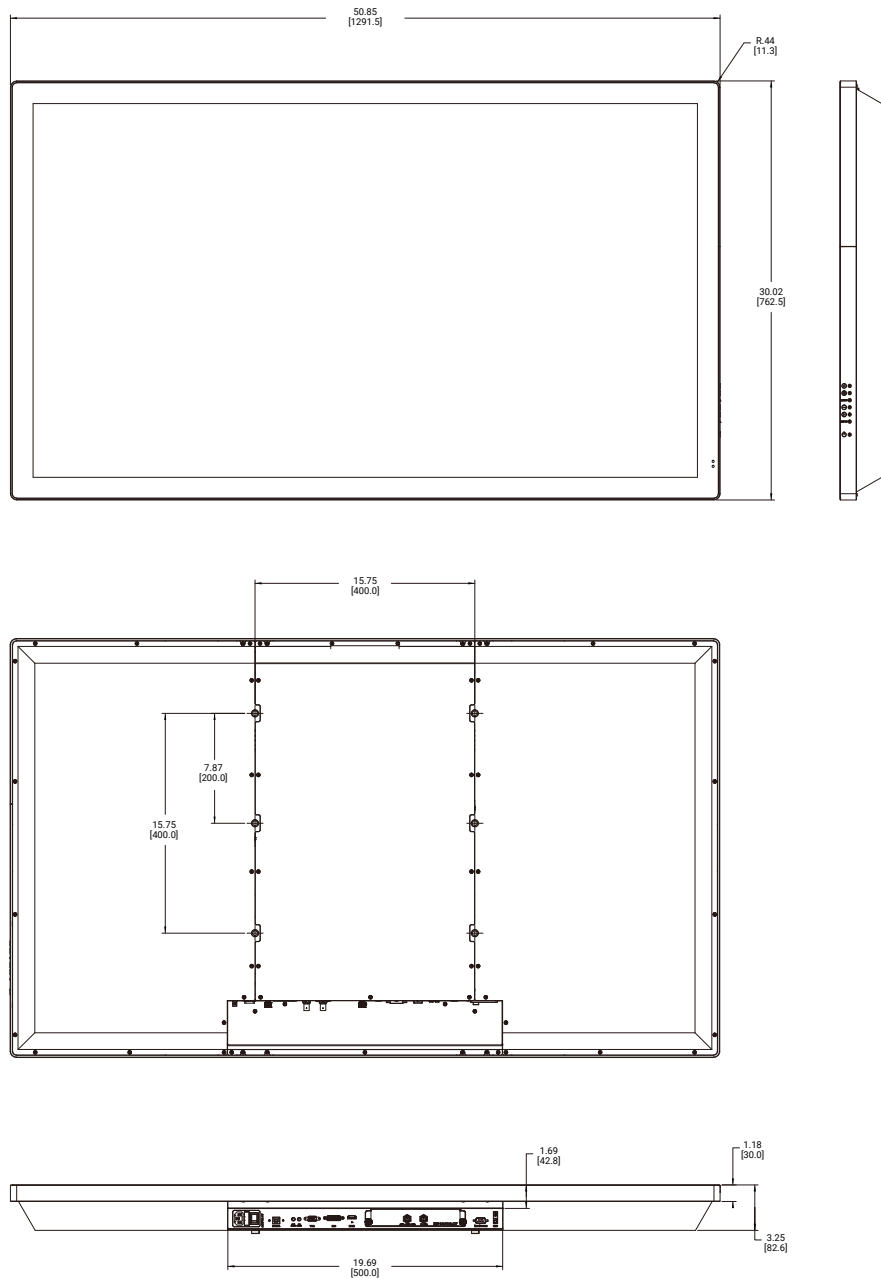
- 55" LCD, 1920 x 1080 Resolution
- Projected Capacitive Touch Screen
- VESA Mount / Wall Mount
- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
- 4GB DDR3 SO-DIMM
- Dual Gigabit Ethernet
- 2 x RS-232/422/485 BIOS Selectable
- 1 x USB 3.0, 3 x USB 2.0 ports
- Line Out, Mic In
- ThinManager Ready

### Specifications

| Model Name                         | ARP-3855BP-E01-003                                       |
|------------------------------------|--|
| <b>LCD Display</b>                 |  |
| Display Size (Diagonal)            | 55.0 inch  |
| Resolution                         | 1920 x 1080  |
| Backlight Lifetime (Hours)         | 50,000   |
| <b>Visual Characteristics</b>      |  |
| Colors                             | 1073.7 million   |
| Aspect Ratio                       | 16:9   |
| Viewing Angle (V/H)                | 178° / 178°  |
| Contrast Ratio                     | 4000 : 1   |
| Brightness                         | 500 nits   |
| <b>Touchscreen</b>                 |  |
| Technology                         | Projected Capacitive                                     |
| Interface                          | USB  |
| Driver                             | ThinManager Supported Driver                             |
| <b>Enclosure</b>                   |  |
| Colors                             | Black Color  |
| Protection                         | Meets IP50   |
| <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              | VGA, HDMI  |
| Storage Option                     | N/A  |
| Compact Flash                      | N/A  |
| Keyboard / Mouse                   | USB / PS2  |
| Audio                              | Line Out, Mic In   |
| Watchdog Timer                     | Programmable 1 - 255 sec                                 |
| Remote Boot                        | ThinManager Ready, PXE                                   |
| Expansion Slot                     | Mini PCIe x 2  |
| <b>I/O Communication</b>           |  |
| USB Port                           | 1 x USB 3.0, 3 x USB 2.0                                 |
| Serial Port                        | 2 x RS-232/422/485 BIOS Selectable                       |
| IEEE 1394                          | N/A  |
| LAN                                | 2 x Gigabit  |
| Parallel                           | N/A  |
| GPIO                               | N/A  |
| <b>Smart Battery</b>               |  |
| External Smart Battery             | N/A  |
| <b>OS Support</b>                  |  |
| OS Support                         | N/A  |
| <b>Power/Thermal Specs</b>         |  |
| Power Requirement (Max)            | 110VAC / 2.41A, 220VAC / 1.20A                           |
| Power Consumption (Max)            | 265 W  |
| Recommended Power Supply           | 378 W  |
| Heat Dissipation                   | 903 BTU/hr   |
| <b>Physical Information</b>        |  |
| Mounting                           | VESA Mount   |
| Net Weight                         | --   |
| Dimension (W x H x D)              | 50.85 x 30.02 x 3.25 inch<br>1291.5 x 762.5 x 82.6 mm    |
| Recommended Cutout Dimension (WxH) | N/A  |
| IP/NEMA Rating                     | N/A  |
| Certification                      | N/A  |
| <b>Environmental</b>               |  |
| Operating Temperature              | 0~40°C (32~104°F)  |
| Storage Temperature                | -20~60°C (-4~140°F)                                      |
| Relative Humidity                  | 10~95% (non-condensing)                                  |

## Dimension Drawing

Model Name: ARP-3855BP-E01  
Size Unit: inch(mm)



## Ordering Information

| Item         | ARP-3855BP-E01-003                                       | ARP-3855BP-E01-Z03                                       |
|--------------|--|--|
| LCD Display  | 55" Wide Screen / 1920 x 1080                            | 55" Wide Screen / 1920 x 1080                            |
| Touch Screen | Projected Capacitive                                     | No   |
| Enclosure    | Black Color  | Black Color  |
| CPU          | Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU | Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU |
| Memory       | 4GB DDR3   | 4GB DDR3   |
| Storage      | N/A  | N/A  |
| Remote Boot  | ThinManager Ready  | ThinManager Ready  |
| Power Supply | 110/220VAC Input Power Adaptor                           | 110/220VAC Input   |