

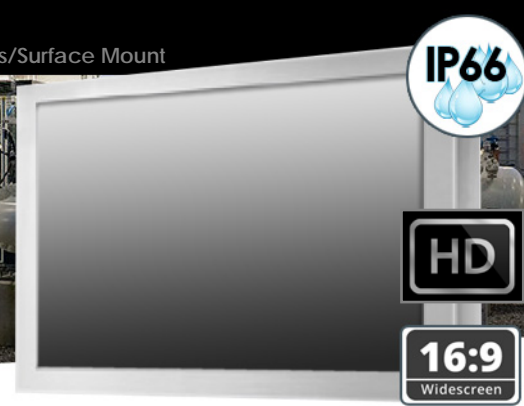


# FULL IP66 Fanless Panel PC

Rugged Completely Sealed Full IP66/NEMA4X Stainless Steel Chassis/Surface Mount

24" Wide LCD monitor , Resolution 1920 x 1080, 1000 nits, with 3mm AR glass, Intel Atom BayTrail, Celeron-J1900 quad cores processor, 2.0GHz Integrated in Fanless , Memory 4GB, 32 GB SSD, Water proof cable: Power x1, VGA x 1 output, RS232 + Audio, LAN x 2, USB x 3

**Model: ECHW2400AHB-SIP-BT**



## FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Atom Baytrail
- Intel® Celeron J1900
- Dual Channel DDR3 1333 MHz SDRAM, Max up to 8GB
- Power x1, VGA x 1 output, RS232 + Audio, LAN x 2, USB x 3
- IP66 Compliant



## SPECIFICATIONS:

|                     |                            |   |
|---------------------|----------------------------|---|
| Panel               | Cell Type / Glass Surface  | TFT LCD / Black Anti-Glare, low reflection coating      |
|                     | Aspect Ratio / Size        | Wide / 24" viewable diagonal area                       |
|                     | Active Area / Pixel Pitch  | 531.36(H) x 298.89(V) mm / 0.2768(H) x 0.2768(V) mm     |
|                     | Native Resolution / Colors | 1920(H) x 1080(V) / 16.7M                               |
|                     | Brightness / Contrast      | 1000 cd/m2 (typ) / 1000 : 1                             |
|                     | Response Time              | ≤ 5 ms  |
|                     | Viewing Angle (typical)    | H: 170° (-85° ~ +85°) , V: 160° (-80° ~ +80°)           |
|                     | Light Source               | LED backlight, Long life, 35,000 hrs (typ)              |
| System              | CPU                        | Intel® Celeron J1900 Processor                          |
|                     | BIOS                       | UEFI  |
|                     | System / Graphic Chipset   | Intel® Gen7 Intel Graphics DX 11*, OGL3.2               |
|                     | System Memory              | Dual Channel DDR3 1333 MHz SDRAM, Max up to 8GB         |
|                     | HDD                        | 2 x SATA  |
|                     | I/O port                   | 1 x VGA   |
|                     |                            | 2 x USB   |
| 1 x COM             |                            |   |
| 1 x LAN             |                            |   |
| Expansion           | N / A                      |   |
| Power               | Power Input                | 9-19V DC-In (4-pin ATX PWR Con)                         |
|                     | Power Consumption          | 72Watt, <1 Watt   |
| Operating Condition | Temperature / Humidity     | 0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation) |
| Dimensions          | Physical                   | Please refer to Drawing                                 |
|                     | Carton                     | W x H x D = TBD   |

| Options | Touch            | Video / TV           | Enhanced Panel           | Others                       |
|---------|------------------|----------------------|--------------------------|------------------------------|
|         | Resistive touch  | SV + AV              | Panel with LED backlight | Digital Signage(Stand alone) |
|         | Capacitive touch | SV + AV + AV_Looping | High brightness panel    | Networking Digital Signage   |
|         | SAW touch        | SV + AV + TV         | Wide Temperature         | Motion Sensor                |
|         | Infrared touch   |                      | Sunlight Readable        | Light Sensor                 |
|         | Protected glass  |                      |                          | Auto-Dimming                 |



## LCD OPTIONS



### Optical Bonding Options

- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.



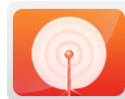
### RS-232 Remote Control Options

**Remote Control Protocol: Command Code to set system**



### 9-36V DC Input Options

iTech offers a selection of DC input from 9V to 36V



### Light Sensor and Motion Sensor Options

iTech LCD offers Light and Motion Sensor

## Privacy Filter

Front Glass Options:

- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm

## DRAWINGS:

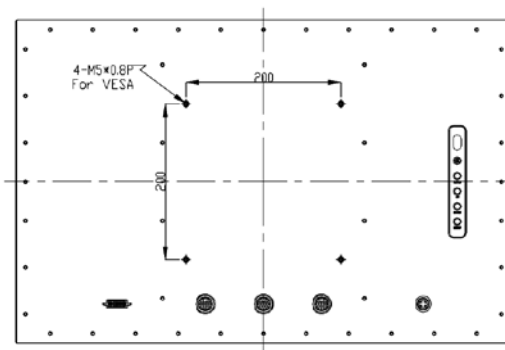
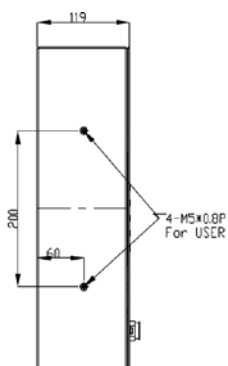
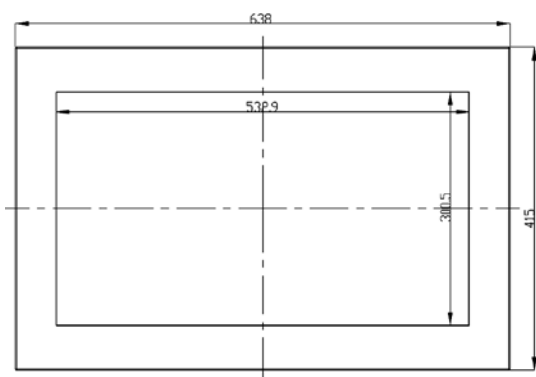


PHOTO GALLERY:

