# OPEN FRAME PANEL PC

**21.5"-1920X1080, LED-250NITS BUILT-IN POWER SYSTEM WITH 110/220VAC AUTO-SWITCHING**

***Intel ATOM Baytrail with Celeron-J1900 quad cores, 2.0GHz, Fanless***
***3xCOM (RS-232/RS-422/RS-485) , 4xUSB (2xUSB3.0, 2xUSB2.0)***
***1xVGA, 1xHDMI, 2xSATA, Audio, 2xGbE LAN, 1xPCIe, 1xMini-PCIe***
***2x204 pin SO-DIMM for DDR3/1333, up to 8GB***
***Without OS / Memory / HDD / SSD / Touch***

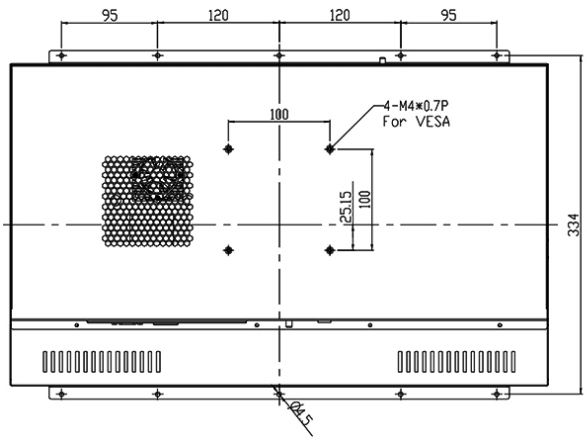
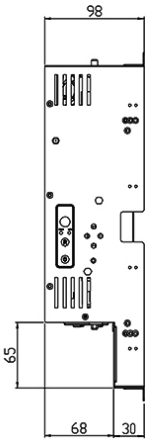
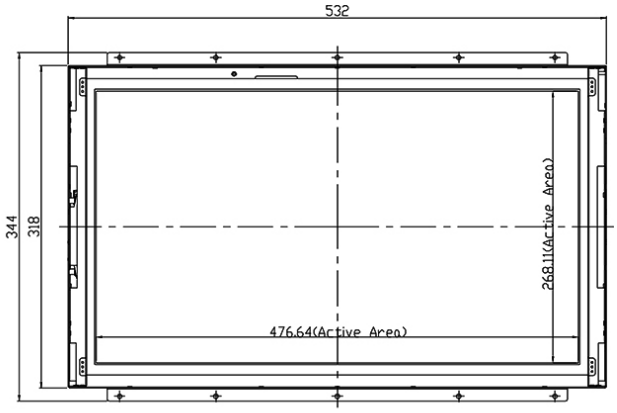
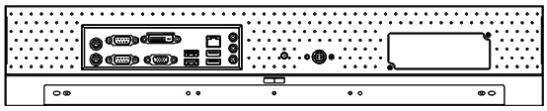
## MODEL: EOPW2150-J

## FEATURES HIGHLIGHTS

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Celeron J1900
- Intel ® Atom BayTrail
- Dual Channel DDR3 1333 MHz SDRAM, Max up to 8GB
- 1 x VGA, 1 x HDMI, 3 x COM, 2 x LAN, 2 x USB 2.0, 2 x USB 3.0

## SPECIFICATIONS

| | | |
|---|---|---|
| **Panel** | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low reflection coating |
| | Aspect Ratio / Size | Wide / 21.5" viewable diagonal area |
| | Active Area / Pixel Pitch | 476.64(H) x 268.11(V) mm / 0.248(H) x 0.248(V) mm |
| | Native Resolution / Colors | 1920(H) x 1080(V) / 16.7M |
| | Brightness / Contrast | 250 cd/m$^2$ (typ) / 1000 : 1 |
| | Response Time | < 5 ms |
| | Viewing Angle (typical) | H.170$^o$ (- 85$^o$ ~ + 85$^o$) , V. 160$^o$ (- 80$^o$ ~ + 80$^o$) |
| | 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, 1 x HDMI |
| | | 2 x USB 2.0, 2 x USB 3.0 |
| | | 3 x COM (RS232/422/485) |
| | | 2 x LAN, Mic-in, Line-out |
| | Expansion | 1 x Mini PCI-e |
| **Power** | Power Input | 12V DC input with adapter |
| | Power Consumption | 36.25 Watt, <1 Watt |
| **Operating Condition** | Temperature / Humidity | 0$^o$C ~ 50$^o$C (32$^o$F ~ 122$^o$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 |

## MECHANICAL DRAWING: