

Fanless Panel PC Open Frame, 18.5" LCD monitor, 1920 x 1080, LED 1000 nits, Intel® Celeron J1900



## Features

- 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

|                           |                            |   |
|---------------------------|----------------------------|---|
| Panel                     | Cell Type / Glass Surface  | TFT LCD / Black Anti-Glare, low reflection coating          |
|                           | Aspect Ratio / Size        | Wide / 18.5" viewable diagonal area                         |
|                           | Active Area / Pixel Pitch  | 408.96(H) x 230.4(V) mm / 231(H) x 213(V) per one triad     |
|                           | Native Resolution / Colors | 1920(H) x 1080(V) / 16.7M                                   |
|                           | Brightness / Contrast      | 1000 cd/m <sup>2</sup> (typ) / 1000 : 1                     |
|                           | Response Time              | ≤ 20 ms   |
|                           | Viewing Angle (typical)    | H.178° (- 89° ~ + 89°) , V. 178°(- 89° ~ + 89°)             |
|                           | 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          | 27.5 Watt, <1 Watt  |
| Operating Condition       | Temperature / Humidity     | - 20°C ~ 70°C (- 4°F ~ 158°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                 |