

# VH-PCH10162-WSA0L0-CB0M05 Specification

Fanless Vehicle Chassis Panel PC, 10.1" LCD monitor, 1024 x 600, 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® Atom Baytrail-M/D Chipset
- Intel® Celeron J1900
- Single Channel DDR3L 1333 MHz SDRAM
- 1 x HDMI, 1 x COM, 2 x USB, 2 x LAN

|                     |                            |                                                         |
|---------------------|----------------------------|---------------------------------------------------------|
| Panel               | Cell Type / Glass Surface  | TFT LCD / Black Anti-Glare, low reflection coating      |
|                     | Aspect Ratio / Size        | Wide / 10.1" viewable diagonal area                     |
|                     | Active Area / Pixel Pitch  | 222.72(H) x 125.28(V) mm / 0.2175(H) x 0.2088(V) mm     |
|                     | Native Resolution / Colors | 1024(H) x 600(V) / 262 K                                |
|                     | Brightness / Contrast      | 1000 cd/m <sup>2</sup> (typ) / 500 : 1                  |
|                     | Response Time              | ≤ 16 ms                                                 |
|                     | Viewing Angle (typical)    | H. 90° (- 45° ~ + 45°) , V. 50°(- 30° ~ + 20°)          |
|                     | Light Source               | LED backlight, Long life, 35,000 hrs (typ)              |
| System              | CPU                        | Intel® Celeron J1900                                    |
|                     | BIOS                       | AMI                                                     |
|                     | System / Graphic Chipset   | Intel® Atom Baytrail-M/D Chipset                        |
|                     | System Memory              | Single Channel DDR3L 1333 MHz SDRAM                     |
|                     | HDD                        | 2 x SATA                                                |
|                     | I/O port                   | 1 x HDMI                                                |
|                     |                            | 2 x USB 3.0                                             |
| 1 x COM (RS232)     |                            |                                                         |
| 2 x LAN             |                            |                                                         |
| Expansion           | 1 x Mini PCI-e             |                                                         |
| Power               | Power Input                | 12V DC-IN (Lockable connector)                          |
|                     | Power Consumption          | 28 Watt, <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                 |