



# ASLAN-W910C

Fanless 10.1" Wide-Screen Industrial Panel PC with Intel® Core i5-6300U 2.4GHz Processor



## Features

- 10.1" LCD Display w/ LED Backlight
- Flat panel with projected capacitive touchscreen
- Front panel compliant with IP65
- Anti-scratch surface: 7H hardness
- Mini PCIe expansion slot support
- Fanless cooling system
- Cable-less Design
- Low power consumption
- 2 x SMA Antenna Holes for optional WiFi Function

Industrial Automation System

## System

|                |  |
|----------------|--|
| CPU            | Intel® Core i5-6300U™ Processor 2.4GHz<br>4GB DDR4 SO-DIMM pre-installed       |
| Memory         | 1 x 260-pin DDR4 SO-DIMM socket, supporting 2133MHz SDRAM up to 16GB           |
| LAN Chipset    | 1 x Intel® i219LM PCIe controller w/ iAMT<br>1 x Intel® i210IT PCIe controller |
| Watchdog Timer | 1~255 levels reset   |

## Storage

|        |           |
|--------|-----------|
| Device | 1 x mSATA |
|--------|-----------|

## Audio

|        |                              |
|--------|------------------------------|
| Device | Line Out / Mic In (Optional) |
|--------|------------------------------|

## LCD Display

|                      |                                  |
|----------------------|----------------------------------|
| Size/Type            | 10.1" TFT LCD Panel              |
| Max. Resolution      | 1280 x 800, WXGA                 |
| Max. Colors          | 16.7M                            |
| Luminance            | 350 cd/m <sup>2</sup>            |
| Touch Screen         | Projected capacitive touch panel |
| View Angle (U/D/R/L) | 80°/80°/85°/85°                  |

## Power System

|                   |                            |
|-------------------|----------------------------|
| Power Input       | DC 12~28V                  |
| Power Consumption | Max. 23.0W (w/o I/O cards) |

## Qualification

|               |                 |
|---------------|-----------------|
| Certification | CE, FCC Class A |
|---------------|-----------------|

## Expansion

|               |   |
|---------------|---|
| Expansion Bus | 1 x mSATA (SATA, Full Size)<br>1 x mPCIe (PCIex1+USB2.0, Full Size)<br>1 x mPCIe (PCIex1+USB2.0, Half Size) |
|---------------|---|

## External I/O

|              |                              |
|--------------|------------------------------|
| Video Output | 1 x VGA /1 x HDMI            |
| USB Ports    | 4 x Type-A USB 3.0/2.0 ports |
| LAN          | 2 x RJ-45 GbE ports          |
| COM          | 2 x COM (RS-232/422/485)     |

## Mechanical

|                       |   |
|-----------------------|---|
| Mounting Type         | VESA-75 / Panel Mount (Bracket Optional)                            |
| Chassis               | Panel-mounting chassis, aluminum front bezel and SGCC steel chassis |
| Dimension (W x H x D) | 255 x 175 x 76.5 mm (10.04" x 6.89" x 3.01")                        |
| Weight (Net)          | 2.41 kg (5.31 lb)   |

## Environmental

|                    |  |
|--------------------|--|
| Operating Temp.    | -20°C ~ 55°C (-4°F ~ 131°F)                            |
| Storage Temp.      | -30°C ~ 70°C (-22°F ~ 158°F)                           |
| Operating Humidity | 10 ~ 95% RH @ 55°C (non-condensing)                    |
| Vibration          | 5 ~ 500Hz, 0.5Grms Random (w/ mSATA)                   |
| Shock              | Operating 10G, 11ms Non-operating 30G, 11ms (w/ mSATA) |

## OS Support

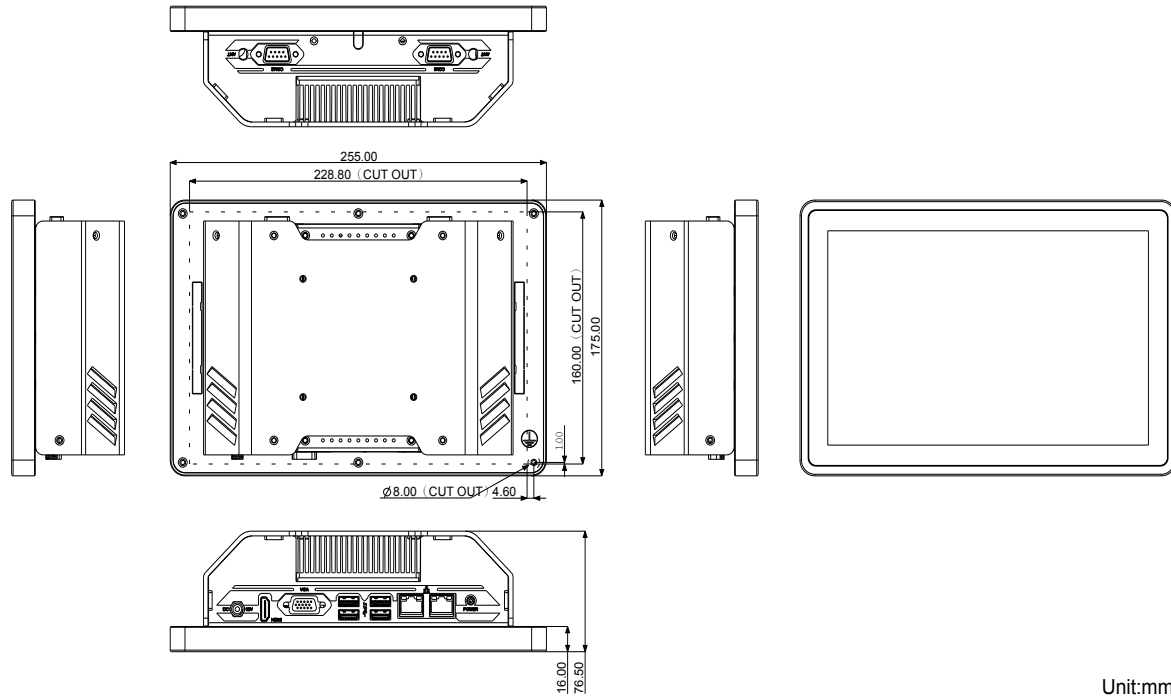
Windows 7 / Windows 8.1 / Windows 10 / Linux: Ubuntu

## Ordering Information

10.1" Intel® Core i5-6300U 2.4GHz Processor  
ASLAN-W910C-6300G4 Wide-screen industrial panel PC with 4GB Memory










## Dimensions



Unit:mm

## Optional Accessories

|                  |  |   |
|------------------|--|---|
| PAC-60W1A-FSP-ES | 12V/5A 60W AC/DC power adapter kit                       |  |
| WiFi-AT4550      | Atheros, QCNFA324 Wi-Fi module w/ 2*30cm internal wiring |  |
| ANT-D11          | 1 x Wi-Fi Dual-band 2.4G/5G antenna                      |  |
| 32GB SSD         | mSATA MLC 32GB   |  |
| 64GB SSD         | mSATA MLC 64GB   |  |
| PMB-910C         | Panel Mount Kit for W910/912C                            |  |
| SCK-810C         | Assembly kit for SiP-41B/42B                             |  |

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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