



# ASLAN-W922C

Fanless 21.5" Wide-Screen Industrial Panel PC with Intel® Core i5-6300U  
2.4GHz Processor



## Features

- 21.5" LCD Display w/ LED Backlight
- Flat panel with projected capacitive touchscreen
- Front panel compliant with IP65
- Anti-scratch surface: 7H hardness
- Easy Maintenance Design for HDD/SSD
- Serial Ports (RS-232/422/485), RS-485 w/ Auto-flow Control
- Mini PCIe expansion slot support
- Fanless cooling system
- Cable-less Design
- Low power consumption
- 2 x SMA Antenna Holes for optional WiFi Function

## System

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

## Storage

|        |                                            |
|--------|--------------------------------------------|
| Device | 2 x 2.5" drive bay (default),<br>1 x mSATA |
|--------|--------------------------------------------|

## Audio

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

## LCD Display

|                      |                                  |
|----------------------|----------------------------------|
| Size/Type            | 21.5" TFT LCD Panel              |
| Max. Resolution      | 1920 x 1080, FHD                 |
| Max. Colors          | 16.2M                            |
| Luminance            | 250 cd/m²                        |
| Touch Screen         | Projected capacitive touch panel |
| View Angle (U/D/R/L) | 80°/80°/85°/85°                  |

## Power System

|                   |                            |
|-------------------|----------------------------|
| Power Input       | 9~36VDC                    |
| Power Consumption | Max. 38.1W (w/o I/O cards) |

## Qualification

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

## Expansion

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

## External I/O

|              |                                   |
|--------------|-----------------------------------|
| Serial Ports | 4 x RS-232/422/485                |
| USB Ports    | 4 x Type-A USB 3.0/2.0 ports      |
| LAN          | 2 x RJ-45 GbE ports               |
| Video        | 1 x VGA / 1 x HDMI                |
| DIO          | 4IN / 4OUT Digital I/O (optional) |

## Mechanical

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| Mounting Type            | Panel Mounting and VESA-100 Mounting                                   |
| Chassis                  | Panel-mounting chassis, aluminum front bezel<br>and SGCC steel chassis |
| Dimension<br>(W x H x D) | 536 x 332 x 55.5 mm (21.1" x 13.07" x 2.19")                           |
| Weight (Net)             | 7.01 kg (15.45 lb)                                                     |

## Environmental

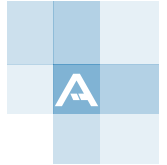
|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Operating Temp.    | -20°C ~ 55°C (-4°F ~ 131°F)                             |
| Storage Temp.      | -30°C ~ 70°C (-22°F ~ 158°F)                            |
| Operating Humidity | 10 ~ 95% RH @ 55°C (non-condensing)                     |
| Vibration          | 5 ~ 500Hz, 1Grms Random (w/ SSD)                        |
| Shock              | Operating 10G, 11ms Non-operating 30G,<br>11ms (w/ SSD) |

## OS Support

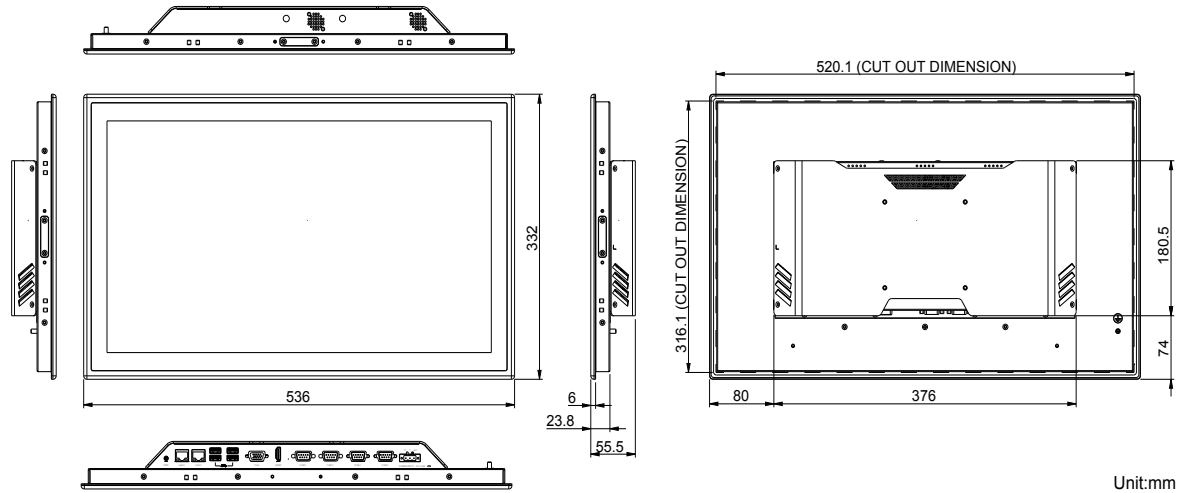
Windows 7 / Windows 8.1 / Windows 10 / Linux: Ubuntu

## Ordering Information

|                    |                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------|
| ASLAN-W922C-6300G4 | 21.5" Intel® Core i5-6300U 2.4GHz Processor<br>Wide-screen industrial panel PC with<br>4GB Memory |
|--------------------|---------------------------------------------------------------------------------------------------|



## Dimensions



## Optional Accessories

PAC-60W6A-FSP-ES 12V/5A 60W AC/DC power adapter kit



64/128/256GB SSD 2.5" SSD MLC 64/128/256GB



WiFi-AT4550 Atheros QCNFA324 Wi-Fi module w/ 2\*30cm internal wiring



ANT-D11 1 x Wi-Fi Dual-band 2.4G/5G antenna



SCK-722C 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.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave

Ste 1200

Sheridan

WY 82801

USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park

Stone Business Park

Stone

ST15 0YJ

United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660