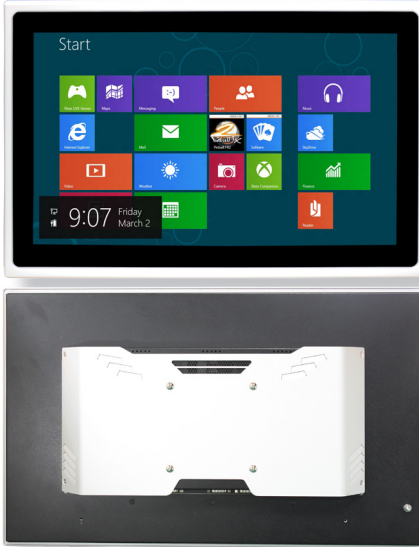# ASLAN-W922C

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 |
| Memory | 4GB DDR4 SO-DIMM pre-installed |
| | 1 x 260-pin DDR4 SO-DIMM socket, supporting 2133MHz SDRAM up to 16GB |
| LAN Chipset | 1 x Intel® i219LM PCIe controller w/ iAMT |
| | 1 x Intel® i210IT PCIe controller |
| Watchdog Timer | 1~255 levels reset |

## Storage

| | |
|---|---|
| Device | 2 x 2.5" drive bay (default), 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

| | |
|---|---|
| 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

| | |
|---|---|
| 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 and SGCC steel chassis |
| Dimension (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

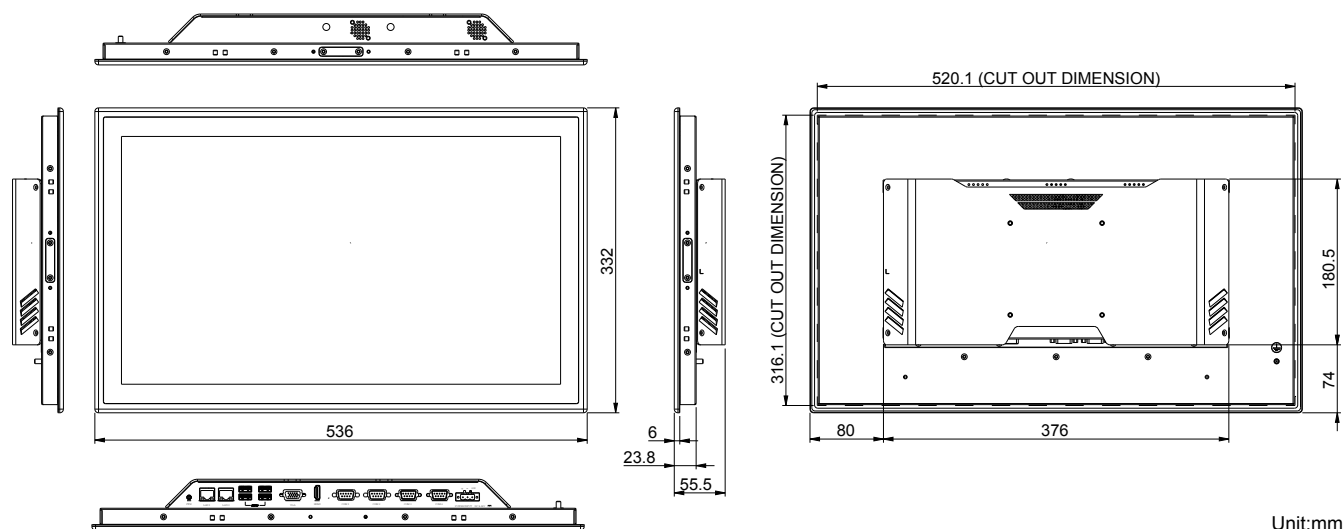| | |
|---|---|
| Operating Temp. | -20ºC ~ 55ºC (-4°F ~ 131°F) |
| Storage Temp. | -30ºC ~ 70°C (-22°F ~ 158°F) |
| Operating Humidity | 10 ~ 95% RH @ 55°C (non-condensing) |
| Vibration | 5 ~ 500Hz, 1Grms Random (w/ SSD) |
| Shock | Operating 10G, 11ms Non-operating 30G, 11ms (w/ SSD) |

## 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 Wide-screen industrial panel PC with 4GB Memory |

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# Dimensions



520.1 (CUT OUT DIMENSION)

316.1 (CUT OUT DIMENSION)

332

536

6

23.8

55.5

180.5

74

80

376

Unit:mm

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## 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 | |