

# ASLAN-W722C

Fanless 21.5" Wide-Screen Industrial Panel PC with Intel® J1900 Quad-Core™ Processor



## Features

- 21.5" 1920 x 1080 FHD LCD Display w/ LED Backlight
- Flat panel with projected capacitive touchscreen
- Front panel compliant with IP65
- Anti-scratch surface: 7H hardness
- Vertical I/O Design
- Easy Maintenance Design for CFast/HDD/SSD
- Serial Ports (RS-232/485), 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
- 9~36V Wide-Range DC Input

## System

|                |  |
|----------------|--|
| CPU            | Intel® J1900 Quad-Core™ Processor 2.0GHz                               |
| Memory         | 1 x 4GB DDR3L SO-DIMM RAM module installed                             |
| LAN            | 2 x Intel® I210AT GbE controllers<br>1 x Realtek® 8111E GbE controller |
| Watchdog Timer | 1~255 levels reset   |

## Storage

|        |   |
|--------|---|
| Device | 2 x outside-accessible 2.5" drive bay (default), or CFast slot (optional for OEM version) |
|--------|---|

## Audio

|         |                            |
|---------|----------------------------|
| Speaker | 2 x 2W speakers (optional) |
|---------|----------------------------|

## LCD Display

|                      |                                  |
|----------------------|----------------------------------|
| Size/Type            | 21.5" TFT LCD Panel              |
| Max. Resolution      | 1920 x 1080, FHD                 |
| Max. Colors          | 16.2M                            |
| Luminance            | 250 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 9~36V |
|-------------|----------|

## Certification

|           |                 |
|-----------|-----------------|
| EMC / EMI | CE, FCC Class A |
|-----------|-----------------|

## Expansion

|               |                                  |
|---------------|----------------------------------|
| Expansion Bus | 1 x Mini-card socket (Full Size) |
|---------------|----------------------------------|

## External I/O

|              |   |
|--------------|---|
| Serial Ports | 2 x RS232 & 2 x RS-232/485 w/ auto flow control     |
| USB Ports    | 1 x Type-A USB 3.0 ports<br>3 x Type-A USB 2.0 port |
| LAN          | 3 x RJ-45 GbE ports                                 |
| DVI          | 1 x DVI-I connector                                 |
| WiFi         | 2 x SMA antenna holes for optional WiFi function    |

## Mechanical

|                       |   |
|-----------------------|---|
| Mounting Type         | Panel Mounting and VESA-100 Mounting                                |
| Chassis               | Panel-mounting chassis, aluminum front bezel and SECC steel chassis |
| Dimension (W x H x D) | 536.00 x 332.00 x 48.40 mm<br>(21.1" x 13.1" x 1.90")               |
| Weight (Net)          | 7 kg (15.4 lb)  |

## Environmental

|                    |  |
|--------------------|--|
| Operating Temp.    | -20°C ~ 55°C (-4°F ~ 140°F)                                  |
| Storage Temp.      | -30°C ~ 70°C (-22°F ~ 158°F)                                 |
| Operating Humidity | 10 ~ 95% RH @ 60°C (non-condensing)                          |
| Vibration          | 5 ~ 500Hz, 0.5Grms Random (with CFast/SSD)                   |
| Shock              | Operating 10G, 11ms Non-operating 30G, 11ms (with CFast/SSD) |

## OS Support

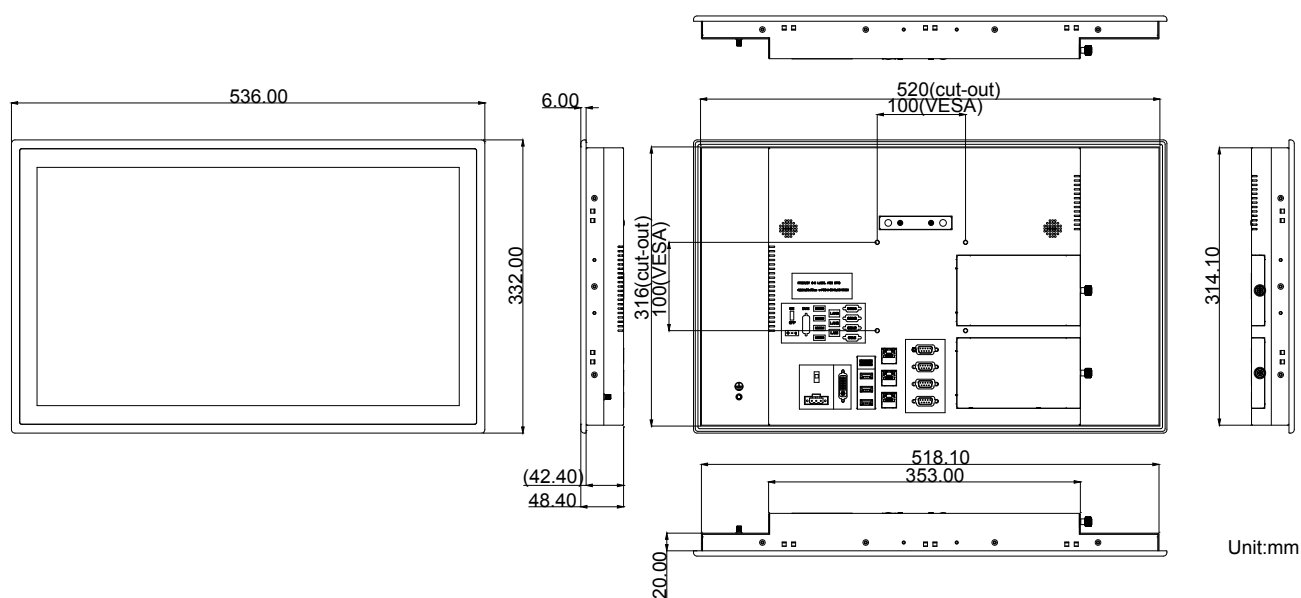
W7 Pro / WS7E / W8.1 Industry / Linux: Ubuntu

## Ordering Information

|                     |   |
|---------------------|---|
| ASLAN -W722C-1900G4 | 21.5" Intel® J1900 Quad-Core™ Processor<br>Wide-screen industrial panel PC with<br>4GB Memory |
|---------------------|---|



## Dimensions



### Optional Accessories

PAC-P065W 19V/3.4A 65W AC/DC power adapter kit



### Optional Accessories (CTOS\* Kit)

80GB SSD Intel® 2.5" 80GB SATAIII SSD kit



WiFi-AT2350 Atheros AR9462 WiFi module w/ 20cm & 30cm internal wiring



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



ADK-712 LYNC-71x audio kit



\*CTOS means Configure-to-Order Service.