

# ASLAN-W919C

Fanless 18.5" Wide-Screen Industrial Panel PC with Intel® Core i5-6300U  
2.4GHz Processor



## Features

- 18.5" 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	1 x 260-pin DDR4 SO-DIMM socket, supporting 2133MHz SDRAM up to 16GB, (4GB DDR4 SO-DIMM pre-installed)
LAN Chipset	1 x Intel® i219LM PCIe controller w/ iAMT 1 x Intel® i210IT PCIe controller
Watchdog Timer	1~255 levels reset
<b>Storage</b>	
Device	2 x 2.5" drive bay (default), 1 x mSATA
<b>Audio</b>	
Device	Line Out / Mic In (Optional)
<b>LCD Display</b>	
Size/Type	18.5" TFT LCD Panel
Max. Resolution	1366 x 768
Max. Colors	16.2M
Luminance	300 cd/m <sup>2</sup>
Touch Screen	Projected capacitive touch panel
View Angle (U/D/R/L)	80°/80°/85°/85°
<b>Power System</b>	
Power Input	9~36VDC
Power Consumption	Max. 29.0W (w/o I/O cards)
<b>Qualification</b>	
Certification	CE, FCC Class A
<b>Expansion</b>	
Expansion Bus	1 x mSATA (SATA, Full Size) 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 and SGCC steel chassis
Dimension (W x H x D)	470 x 295 x 56.2 mm (18.5" x 11.6" x 2.21")
Weight (Net)	5.68 kg (12.52 lb)

## Environmental

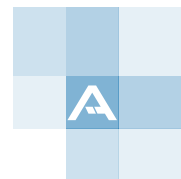
Operating Temp.	-20°C ~ 55°C (-4°F ~ 140°F)
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 55°C (non-condensing)
Vibration	5 ~ 500Hz, 1Grms Random (w/ SSD)
Shock	Operating 10G, 11ms Non-operating 30G, 11ms (w/ SSD)

## OS Support

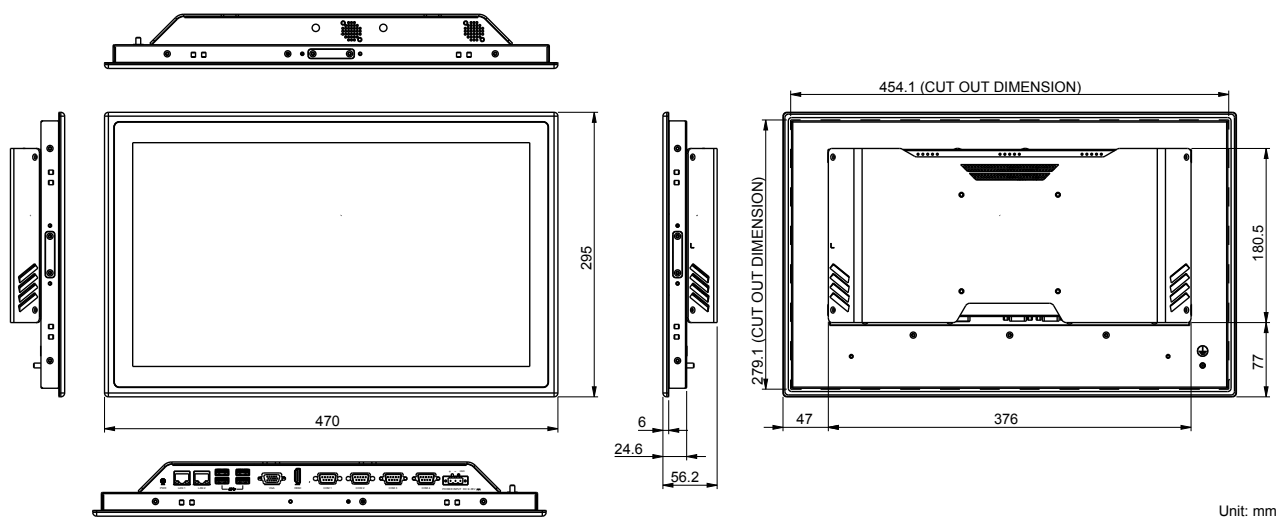
Windows 7 / Windows 8.1 / Windows 10 / Linux: Ubuntu

## Ordering Information

ASLAN -W919C-6300G4	18.5" Intel® Core i5-6300U 2.4GHz processor wide-screen industrial panel PC with 4GB Memory
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## Dimensions



### Optional Accessories

PAC-P060W-02 12V/5A 60W AC/DC power adapter kit



### Optional Accessories (CTOS\* Kit)

150GB SSD Intel® 2.5" 150GB 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-W9X Audio kit for ASLAN-W900 series



\*CTOS means Configure-to-Order Service.