

# ASLAN-W810C-2930G2

Fanless 10.1" Industrial Panel PC with Intel® Bay Trail SoC Processor



## Features

- High Resolution LCD Display w/ LED Backlight
- Flat panel with projected capacitive touchscreen
- Front panel compliant with IP65
- Anti-scratch surface: 7H hardness
- Slim and Compact Design
- Mini PCIe expansion slot support
- Fanless cooling system
- Cable-less Design
- Low power consumption
- DC-12V Power Input

## System

CPU	Intel® N2930 Quad-Core™ Processor 1.83GHz 2GB DDR3L SO-DIMM RAM module installed
Memory	1 x DDR3L SO-DIMM Socket, supporting 1600MHz SDRAM up to 8GB
LAN	2 x Intel® I210AT GbE controllers
Watchdog Timer	1~255 levels reset

## Storage

Device	1 x mSATA for SATA interface SSD Supports 300MB/s HDD transfer rate
--------	--

## Audio

Type	1x Mic-in / 1x Line out
------	-------------------------

## 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)	85°/85°/85°/85°

## Power System

Power Input	DC 12V input with DC jack
-------------	---------------------------

## Certification

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

## Expansion

Expansion Bus	1 x Full-Size mPCIe (PCIex1+USB2.0) 1 x Half-Size mPCIe (PCIex1 Lane only)
---------------	---

## External I/O

USB Ports	1 x Type-A USB 3.0 port 1 x Type-A USB 2.0 port
LAN	2 x RJ-45 GbE ports
DVI	1 x DVI-I connector
WiFi	1 x SMA antenna holes for optional WiFi function

## Mechanical

Mounting Type	VESA-75 / 100 Mounting with Bracket
Chassis	Aluminum front bezel and SECC steel chassis
Dimension (W x H x D)	255.00 x 175.0 x 39.50 mm (10.04" x 6.89" x 1.56")
Weight (Net)	1.7 kg (3.75 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, 1Grms Random (with CFast/SSD)
Shock	Operating 10G, 11ms Non-operating 30G, 11ms (with CFast/SSD)

## OS Support

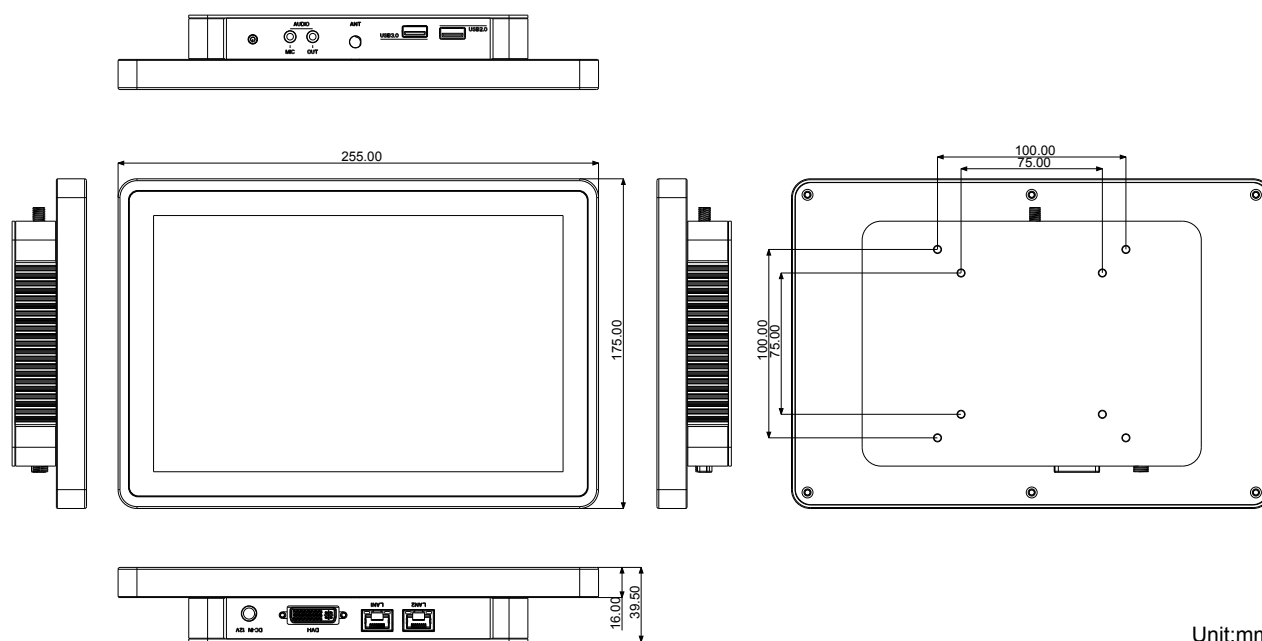
W7 Pro / WS7E / W8.1 Industry / Linux: Ubuntu

## Ordering Information

ASLAN-W810C-2930G2 10.1" Intel® N2930 Quad-Core™ Processor industrial panel PC with 2GB Memory



## Dimensions



Unit:mm

### Optional Accessories

PAC-P060W-01 60W AC/DC Adapter Kit



### Optional Accessories (CTOS\* Kit)

WiFi-AT2300 Atheros AR9462 WiFi module w/ 20cm internal wiring



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



MM-3L-2G Industrial DDR3L-1333 2GB SO-DIMM SDRAM



MM-3L-4G Industrial DDR3L-1333 4GB SO-DIMM SDRAM

32GB SSD mSATA MLC 32GB



64GB SSD mSATA MLC 64GB



PMB-810C Panel Mount Kit for W810C



\*CTOS means Configure-to-Order Service.