

# 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
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## Audio

Type	1x Mic-in / 1x Line out
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## 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
Power Consumption	Max. 14.0W (w/o I/O cards)

## Qualification

Certification	CE, FCC Class A
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## Expansion

Expansion Bus	1 x Full-Size mPCIe (PCIex1+USB2.0) 1 x Half-Size mPCIe (PCIex1 Lane only)
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## 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.	-10°C ~ 60°C (14°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

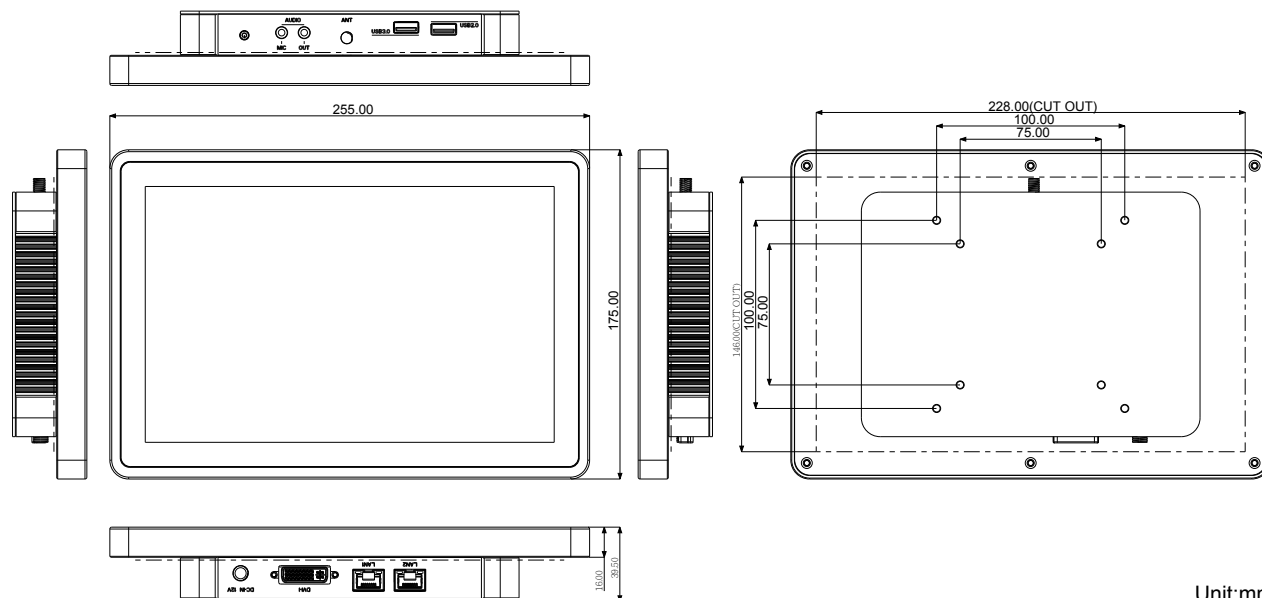
Windows 7 / Windows 8.1 / Linux: Ubuntu  
/ Windows 10 (Recommendation: 4 GB Memory and above)

## Ordering Information

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



## Dimensions



Unit:mm

## Optional Accessories

PAC-60W1A-FSP-ES 12V/5A 60W AC/DC power adapter kit



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



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



MM-3C-2G/4G/8G Industrial DDR3L-1600 2GB/4GB/8GB SDRAM



32GB SSD mSATA MLC 32GB



64GB SSD mSATA MLC 64GB



PMB-810C Panel Mount Kit for W810C



SCK-810C Assembly kit for SiP-41B/42B

