# 21.5" WINDOWS 10 PRO TOUCH SCREEN PC



The compact 21.5" Intel i3-6100U @ 2.30GHz industrial fanless panel PC is designed with a completely slender construction without any failure prone external fans.

The fanless panel PC has a space-saving design that fits into a wide range of industrial and commercial applications.

With Microsoft Windows 10 Professional 64bit operating system on board as a standard, combined with 8 GB of RAM, USB 2 & 3 ports plus a rapid 120GB SSD drive, many resource hungry applications can run with little effort.

This rugged and surprisingly 'low-cost' solution is well suited to the HVAC controls industry, where wide operational temperatures and reliability really count. With a built-in a set of 3W speakers, audible events can easily be heard.

#### MAIN FEATURES

OS - Windows 10 Pro 64bit Pre Installed

CPU - Intel® i3-6100U @ 2.30GHz

Display - 1920x1080 21.5" 10 Points Capacitive Touch

Memory - 8GB

Storage - 120GB SSD Drive

2 RS232 serial ports

4 USB Ports (x2 USB3)

**Built-In 3W Speakers** 

Realtek Gigabit Ethernet Lan

Realtek RTL 8111E Gigabit Ethernet (Wireless Wifi)



# 21.5" WINDOWS 10 PRO TOUCH SCREEN PC

### 21.5 INCH AL IN ONE PC

### Main features:

- ✓ Intel® i3-6100U @ 2.30GHz processor
- High brightness, 10 Points Capacitive Touch
- Multi-directional heat-releasing structure
- Built-in W-Lan Antenna (802.1b/g/n)
- Ultra slim metal design , beautiful ,durable and rugged
- CPU Integrated graphics HD Graphics and support 1080p HD photo quality

SBC Model:- AL IN ONE special & profesional SBC

CPU:- On board Intel® i3 processor

**BIOS:-** American Megatrends

Chipset: - 6100U @ 2.30GHz

Memory:- 8GB

Storage:- 120GB SSD

Graphics:- CPU Integrated graphics HD Graphics and suport 1080p HD photo quality

Audio Card:- Realtek ALC662 high Defintion audio codec

Network card:- onboard 1000M LAN
Amplifer:- Built-in set of 3W speakers

Network:- 1×Realtek RTL 811E Gigabit Ehernet controler, (Wireless Wifi)

Display:- Built in VGA, HDMI, 24bit LVDS

I/O:- 2×USB2.0, 2XUSB 3.0 1×HDMI / LAN /VGA /audio OUT/MICN

/POWER DC

Hardisk:- Interface 2.5"SATA

Watchdog:- Support sytem reset grade 0-255

Front panel grade:- IP54

Power supply:- DC 12V input

Monitor size:- 21.5"

Touch type:- 10 point capacitive touch

Surface hardness:- 3H
Transmitance:- ≥80%
Sensitive:- < 10ms
Resolution:- 1920× 1080
Brightness:- 40cd/m2 (Typ)

Contrast 700:1 LCD:- 16.7M colours

<u>Pixel Pitch:- 0.264 x 0.264</u> <u>Life time:- Single-point 10000,000 times</u>, Draw lines 100,000 times

**Operating temperature:-** -10 - 40C Storage tmperature -20-60C

Working Humidity:- 5-95%, 40C, Non - condensing

Vibration:- 5-100Hz, Sine wave, 11.76m/S2, 1minute X,Y,Z directions,

10 times / direction

**Shock:** 294m/S2 11ms, half-sine wave,  $\pm$ -X,  $\pm$ -Y,  $\pm$ -Z directions, 3times /direction

Case:- Metal, shockproof, anti-interference, metal shell (paint)
Installation ways Panel Mount (bracket supplied), VESA





## STRUCTURE PICTURE

I/O Interface

 $1 \times VGA$ 

1×HDMI

1×Gigabit LAN

 $4 \times USB$ 

1×Audio OUT

1×MIC IN

 $2 \times COM$ 

1×POWER DC IN

