










# 12" WINDOWS 10 PRO TOUCH SCREEN PC

## INDUSTRIAL PANEL MOUNT ALL IN ONE TOUCH SCREEN PC



WIN10 PRO	2.3GHZ	120GB SSD	8GB RAM	1GB LAN	3W SPEAKER	WIFI	REALTEK AUDIO	PANEL BRACKETS
								

The compact 12" 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 4 GB of RAM, USB 2 & 3 ports and 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 processor
- Display - 1280x800 12.1" 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)



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## 12 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 (802.11b/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:- 1xRealtek RTL 811E Gigabit Ethernet controler,(Wireless Wifi)**

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

**I/O:- 2xUSB2.0, 2XUSB 3.0 1xHDMI / 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:- 12.1"**

**Touch type:- 10 point capacitive touch**

**Surface hardness:- 3H**

**Transmittance:- ≥80%**

**Sensitive:- < 10ms**

**Resolution:- 1280x 800**

**Brightness:- 40cd/m2 (Typ)**

**Contrast 700:1**

**LCD:- 16.7M colours**

**Pixel Pitch:- 0.264 x 0.264**

**Life time:- Single-point 10000,000 times, Draw lines 100,000 times**

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

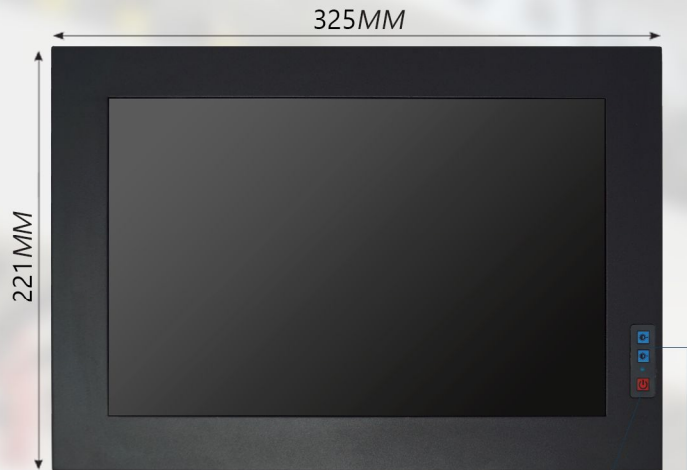
**Working Humidity:- 5-95%, 40C, Non - condensing**

**Vibration:- 5-100Hz, Sine wave, 11.76m/S2, 1minute X,Y,Z directions, 10 times / direction**

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

**Case:- Metal, shockproof, anti-interference, metal shell (paint)**

**Installation ways Panel Mount (bracket supplied), VESA**



Startup/Shutdown Button

Display Brightness Buttons



## STRUCTURE PICTURE

### I/O Interface

- 1xVGA
- 1xHDMI
- 1xGigabit LAN
- 4xUSB
- 1xAudio OUT
- 1xMIC IN
- 2xCOM
- 1xPOWER DC IN

