

## XY800 Explosion-proof Computer/ Touch Operating Terminal Equipment

XY800 type serial explosion-proof computer is a kind of embedded industrial control computer and explosion-proof terminal equipment operated by touch panel. It adopts Intel Atom CPU or Intel Core CPU, high-resolution display screen. As an operating terminal used in explosion-proof site, its explosion-proof performance and data processing rate can meet the requirements of most users. It is widely used in machinery equipment automatic control system located in the dangerous site with explosive gases for petroleum, chemical, light textile, medicine, metallurgy, electricity, etc.



### Features

- ✧ More kinds display sizes from 12.1" to 19"
- ✧ Low power consumption and **fanless** design
- ✧ Wide screen viewing angle and highlight screen, suitable for using in outdoor
- ✧ Industrial class wide range of temperature design, suitable for using in frigid area
- ✧ Support for multiple operating systems
- ✧ Safety: suitable for using in the dangerous area with explosive gas Zone 1, Zone 2.

### Technical parameters

#### Hardware Performance:

Display screen	12.1", 15", 17", 19" TFT LCD screen
Resolution	1024 x 768 / 1280*1024
Brightness	N > 300 cd/m <sup>2</sup> H > 600 cd/m <sup>2</sup>
Backlight	LED
LCD Life	50,000 hours
CPU	Intel Atom 1.6GHz / Intel Core i7 2.6GHz
System Memory	Intel Atom: 2GB / Intel Core i7: 2GB Max 8GB
Storage	CF Card 64G
Ethernet	2*10M/100M/1000Mbps

USB port	2*USB Device 2.0 (Max 6*USB Device 2.0)
Serial communication port	3*RS232+1*RS485/RS422/RS232
WIFI (special order)	> 50m
Operation system	Support: XP Professional/Win 7

#### Environmental Specifications

Operating Temperature	N: 0~60°C W: -40~70°C(Intel Core NA)
Storage temperature	N: -20~60°C W: -40~80°C
Ambient humidity	10 ~90 % RH (no condensation)

#### Electrical Specifications

Rated Power	5W Max 35W, high brightness 50W
Rated voltage	AC220V or DC110V or DC24V
Electrical Interface	4 * 1 / 2 "explosion-proof sealed joints
Explosion-proof class	ExdibIIB+H <sub>2</sub> T6 Gb