

SmartStation SP12/15/17/21

Industrial Panel Type Computers (SP12/SP15/SP17/SP21)

The SmartStation Panel PC portfolio is ideally suit for direct machine or plant visualization tasks. All in one Panel PC devices integrate an industrial PC and winning combination of ruggedness, performance and brilliant display. The various SP Series choices meet a wide range of manufacturing and process automation requirements.



>> Applications



Wifi

>> Specifications

Display

- **SP12** : 12.1" TFT Touch screen display, 500 NIT, (Resolution 1024 x 768)
- **SP15** : 15.0" TFT Touch screen display, 250 NIT, (Resolution 1024 x 768)
- **SP17** : 17.0" TFT Touch screen display, 350 NIT, (Resolution 1280 x 1024)
- **SP21** : 21.0" TFT Touch screen display, 300 NIT, (Resolution 1920 x 1080) **Full HD**

Environment

- **Storage Temperature** : -20° to 80°C (-40° to 80°C optional)
- **Operating Temperature** : 0° to 60°C (-20° to 60°C optional)
- **Humidity** : 5 % to 95 % RH Non-condensing
- **Environmental Protection** : IP54 applicable (except I/O ports)

Memory and Storage

- (1x) DDR3 (800Mhz/1066Mhz) 2GB RAM SO-DIMM socket, expandable to 4GB

Microprocessor

- Intel® Atom™ Processor D2550 (1M Cache, 1.86GHz)

Operating Systems

- Windows 7, 8

Network Characteristics

- 10/100/1000 base-T Ethernet
- **Option** - Cisco Compatible 802.11 a/b/g/n radio with industry standard wireless security protocols

Hard Disk Drive Options

- SATA II 500GB Hard Disk or Higher
- SSD 64GB or Higher

Interface

SP12

- (3) COM Ports
COM1 Port with RS-232/422 selection
- (1) DVI port
- (4) USB ver 2.0 Host
- (1) Soft shutdown On/Off Switch
- (2) RJ45 Ethernet ports
- (1) HDMI port

SP15, 17, 21

- (5) DSUB 9 COM Ports
COM1 Port with RS-232/422 selection
- (1) VGA port
- (1) Audio 3.5mm stereo / Microphone jack
- (4) USB ver 2.0 Host
- (1) Soft shutdown On/Off Switch
- (2) RJ45 Ethernet ports
- (1) HDMI port

Dimensions

SS12: Depth: 70mm (2.75in.) / Width: 330mm (12.99) / Height: 260mm (10.24in.) / Weight: 3kg (6.61lbs.)

SS15: Depth: 70mm (2.75in.) / Width: 380mm (14.96) / Height: 300mm (11.81in.) / Weight: 4.3kg (9.48lbs.)

SS17: Depth: 80mm (3.14in.) / Width: 420mm (16.53) / Height: 353mm (13.89in.) / Weight: 5.2kg (11.46lbs.)

SS21: Depth: 80mm (3.14in.) / Width: 550mm (21.65) / Height: 353mm (13.89in.) / Weight: 7.0kg (15.43 lbs.)

Power

- AC/DC Adapter input AC 110/220V, output DC 12V (60 watts)
- **Option** – External DC/DC Converter input 10-60V, output 12V (60 watts)

Certifications

CE, FCC Class A



SP12



SP15



SP17

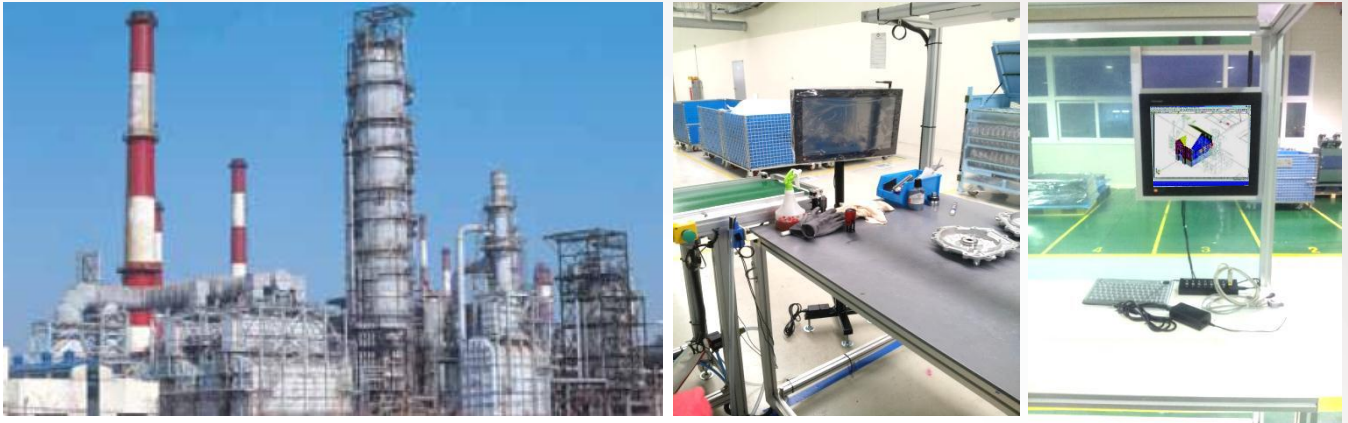
16:9 Wide(Full HD)



SP21

>> Application Fields

Factory



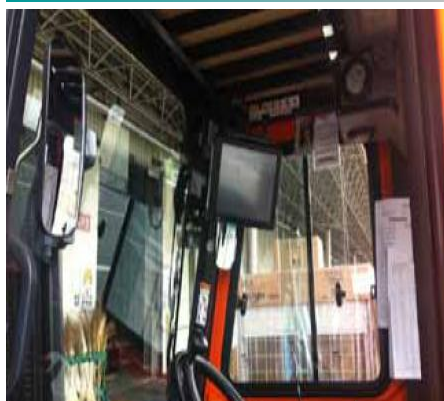
Container & Warehouse



Airport



Forklift



Truck

