# Pro-face
**by Schneider** Electric

# Improve Performance!

**Our flagship HMI, the SP5000 Series Open Box allows you to utilize Windows application on it.**

| CPU computing power | Graphic Engine | Start-up time | Free storage space | Data access speed (Read & Write) |
|---|---|---|---|---|
| About **2x** | About **3x** | About **1.5x** | About **3x** | About **2x** |

Modules available in any combination

## More comfortable with Windows applications!

### Monitoring
Work with camera apps and data collection software to improve process monitoring.

Camera app | Data Collection software | Forms

### Debugging
Use controller configuration tools and vision sensor apps to debug quickly by HMI.

Controller Configuration tool | Vision sensor app

### Troubleshooting
Anyone can troubleshoot using PDF and video manuals.

PDF viewer | Video player

### Cloud computing
Windows standard Ethernet connection enables use of Cloud system.

Cloud app

# Combine with seven types of displays by modular design.

## Open Box
### Windows apps can run


SP-5B41

| | | | |
|---|---|---|---|
| Model | PFXSP5B41 | Serial interfaces | RS-232C/422/485×2 |
| OS | Windows Embedded Standard 7 with Service Pack 1 | Memory cards | SD card (storage) ×1<br>CFast card (system[*2])×1<br>CFast card (storage)×1 |
| CPU | Intel Atom Processor E3825<br>1.33 GHz（dual core/dual thread） | Ethernet interfaces | 10/100/1000Base-T×2 |
| L2 cache memory | 1MB | USB interfaces | Type A×3、mini B×1 |
| Main memory | DDR3L SDRAM 2 GB | Video memory | Up to 256 MB<br>(UMA main memory) |
| Application memory | 64MB<br>Free space: about 17 GB<br>(3x larger than the traditional model)[*1] | Audio | MIC in/LINE in, LINE out |
| Backup memory | NVRAM 320 KB | External dimensions<br>(W x H x D) | 188 x 131 x 35 mm<br>(7.4 x 5.16 x 1.38 in) |

*1 For specification information to determine whether your Windows app can be installed, see the reference manual for the SP5000 series open box.
*2 You cannot use the OS image for the SP-5B40 on SP-5B41. For details about replacement, see the replacement document available on our website.

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## Premium Display

Offering unique features
● Multi-touch panel　● Auto-scaling
● Brightness sensor　● Front USB (A/mini-B)

Built-in wireless LAN

## Advanced Display

Large display area with the 16:9-wide screen



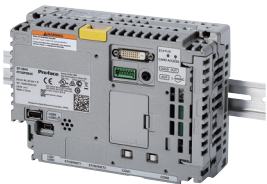| | SP-5700TP | SP-5660TP | SP-5600TP | SP-5500TP | SP-5600WA | SP-5500WA | SP-5400WA |
|---|---|---|---|---|---|---|---|
| Model | PFXSP5700TPD | PFXSP5660TPD | PFXSP5600TPD | PFXSP5500TPD | PFXSP5600WAD | PFXSP5500WAD | PFXSP5400WAD |
| Display size | 15" XGA<br>(1024×768 pixels) | 12"XGA<br>(1024×768 pixels) | | 10" SVGA<br>(800×600 pixels) | 12"WXGA<br>(1280×800 pixels) | 10"WXGA<br>(1280×800 pixels) | 7"WVGA<br>(800×480 pixels) |
| Display colors | 16,777,216 | | | | 262,144 | | |
| Touch panel | Resistive Film（analog, multi-touch） | | | | Resistive Film（analog） | | |
| Front USB | Type A×1、mini B×1 | | | | – | | |
| Rated voltage | 12 to 24 Vdc（multiple power supplies） | | | | | | |
| External dimensions<br>(W x H x D) | 397 x 296 x 67 mm<br>(15.63 x 11.65 x 2.64 in) | 315 x 241 x 67 mm<br>(12.4 x 9.49 x 2.64 in) | | 272.5 x 214.5 x 67 mm<br>(10.73 x 8.44 x 2.64 in) | 308.5 x 230.5 x 67 mm<br>(12.15 x 9.07 x 2.64 in) | 268.5 x 198.5 x 67 mm<br>(10.57 x 7.81 x 2.64 in) | 203.6 x 148.6 x 36 mm<br>(8.02 x 5.85 x 1.42 in) |
| Panel cut-out dimensions<br>(W x H x D) | 383.5 x 282.5 mm<br>(15.1 x 11.12 in) | 301.5 x 227.5 mm<br>(11.87 x 8.96 in) | | 259 x 201 mm<br>(10.2 x 7.91 in) | 295 x 217 mm<br>(11.61 x 8.54 in) | 255 x 185 mm<br>(10.04 x 7.28 in) | 190 x 135 mm<br>(7.48 x 5.31 in) |

## Multi Converter (Multi-data Box)



By attaching a DC power adapter, you can use this device as a data collector. It is optimal as an edge computing terminal that can process massive volumes of collected data and enables data linkage between devices.

Building an Andon system is also easy!

DVI

| Output signal range |
|---|
| VESA compliant |
| Resolution |
| Up to WUXGA<br>(1,920 x 1,200 pixels) |
| Hot-pluggable |
| ○ |

## ⚠ WARNING

HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE
Before operating any of these products, be sure to read all related manuals thoroughly.
Failure to follow these instructions can result in death, serious injury or equipment damage.

● For printing purposes, the colors in this catalog may differ from those of the actual unit.
● Actual user screens may differ from the screens shown here.
● Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Digital for any consequences arising out of the use of this material.
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IS/xx1703-BLUE24-00E00