

# Saia PCD® Web Panel

## Industrial control panel with the Windows® 7 operating system



The Windows®-based Saia PCD® Web Panels are specifically designed for the requirements of web visualisations and preconfigured with all the relevant applications and software tools. Cumbersome installation and software updates are eliminated to allow the immediate use of the Saia PCD® Web Panels. Windows® applications can also be installed and used on the control panels.

The Web Panels are also available in display sizes 12" and 15" with a resolution of 1280 × 800 pixels. The Saia PCD® Web Panel PCD7.D6150WTA010 product family with Windows® Embedded Standard 7 is equipped with Intel® Atom processors. An innovative CPU concept provides sufficient processing performance for demanding applications using a clock speed of 1.6 GHz. The efficient CPU design results in minimal power loss and enables the processor to operate without a fan. Fanless operation with no moving parts guarantees a 100% silent operation.

The Windows® Embedded Standard 7 is installed on an internal CFast card with sufficient space for additional applications. An expansion slot for an SD card is integrated for memory expansion.

The Web Panels are ideal for use in applications that place heavy demands on processor performance and where silent operation is equally important. Typical applications are in home/building automation and industrial applications in harsh environments.

### General specifications

#### Display/handling

- ▶ Resolution WXGA 1280 × 800 pixels
- ▶ Aspect ratio 16:10
- ▶ TFT technology with LED backlight
- ▶ Mounting: horizontal or vertical
- ▶ 12" and 15" colour display with 262,000 colours
- ▶ Resistive touch
- ▶ Protection class IP65 front/IP20 back
- ▶ Operating temperature: -10...50 °C

#### Communication

- ▶ 2 × Ethernet
- ▶ 2 × RS-232, 2 × RS-485 (combined ports)
- ▶ 3 × USB 2.0

#### Processor / Server / OS

- ▶ Intel® Atom (1.6 GHz)
- ▶ 2 GByte RAM
- ▶ Web Server
- ▶ FTP Server
- ▶ File Server
- ▶ Windows® Embedded Standard 7
- ▶ Onboard memory: 16 GByte
- ▶ External memory: Optional SD card

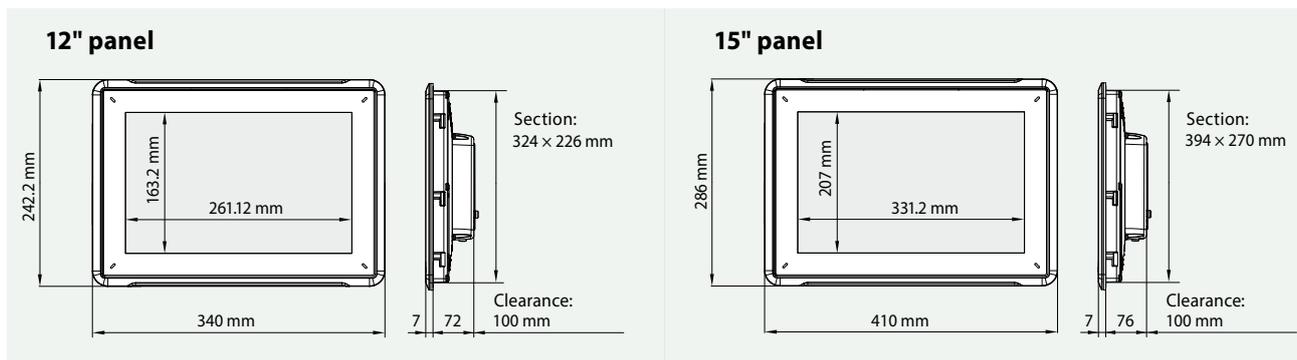
#### Software tool

- ▶ Saia PG5® Web Editor

#### Browser

- ▶ SBC Micro Browser
- ▶ Applet Viewer
- ▶ Internet Explorer

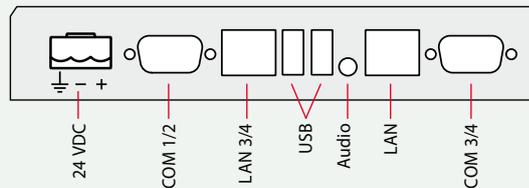
### Dimensions



## Specifications

	PCD7.D6120WTA010	PCD7.D6150WTA010
		
Display (inches)	12"	15"
Technology/colours	TFT-LCD LED backlight 262,000	
Resolution	WXGA 1280 × 800	
Aspect ratio	16 : 10	
Brightness	400 cd / m <sup>2</sup>	450 cd / m <sup>2</sup>
Viewing angle	176°/176°	160°/140°
<b>CPU/memory</b>		
CPU	Intel® Atom 1.6 GHz	
RAM	2 GByte	
ROM	internal 16 GByte	
External memory	1 slot: Optional SD card	
<b>Interfaces</b>		
Ethernet	1 × 10/100 Base RJ-45 1 × 10/100/1000 Base RJ-45	
Serial	2 × (RS-232 + RS-485 combined)	
USB	3 × USB 2.0 (500 mA)	
<b>Dimensions/weight</b>		
Dimensions W × H × D, in mm	340 × 242.2 × 79	410 × 286 × 83
Cut-out front W × H, in mm	324 × 226	394 × 270
Storage temperature	-20...+70 °C	
Power consumption at rated voltage	22 W	24 W
Weight	approx. 2.5 kg	approx. 3.6 kg
<b>Operating system/browser/server</b>		
Operating system	Windows® Embedded Standard 7	
Browser	Micro Browser/Internet Explorer	
.Net	.Net Framework	
Saia.Net	Web-Connect/Web-HMI Server	

## Connections



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