

Saia PCD® Panel PCs

Industrial control panel with the Windows® 7 operating system



The Windows®-based Saia PCD® Panel PCs 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.

The Celeron or I7 processors have been designed specifically for applications with higher performance requirements. Applications that place heavy demands on system resources can be installed. The Panel PCs are available in display sizes 15" and 21".

The Saia PCD® Panel PCs product family with Windows® 7 is equipped with extremely powerful processors. The innovative CPU concept provides excellent processing performance for demanding applications.

The Windows® 7 operating system is installed on an internal industrial server HDD and provides additional space for applications and the associated data. Memory expansion is possible via USB 2.0.

Additional monitors can be connected to the system via a VGA or DVI output. The integrated fan is dynamically controlled based on the system workload to reduce noise levels.

The Panel PCs are ideal for creating small control systems with data logging on the internal HDD. Server applications can also be implemented using the system resources.

General specifications

Display/handling

- ▶ 15" resolution WXGA 1280 × 800 pixels
- ▶ 21" resolution WUXGA 1920 × 1080 pixels (HD)
- ▶ Aspect ratio 16 : 10
- ▶ TFT technology with LED backlight
- ▶ Mounting: horizontal or vertical
- ▶ 15" and 21" colour display with 16 million colours
- ▶ Resistive touch
- ▶ Protection class IP65 front/IP20 back
- ▶ Operating temperature: 0...50 °C

Communication

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

Processor / server / OS

- ▶ Intel® Celeron (2 × 1.6 GHz)/I7 (4 × 2.1 GHz)
- ▶ 2/4 GByte RAM
- ▶ Web Server
- ▶ FTP Server
- ▶ File Server
- ▶ Windows® Embedded CE 6.0R3
- ▶ Onboard memory: 100 GByte for both types

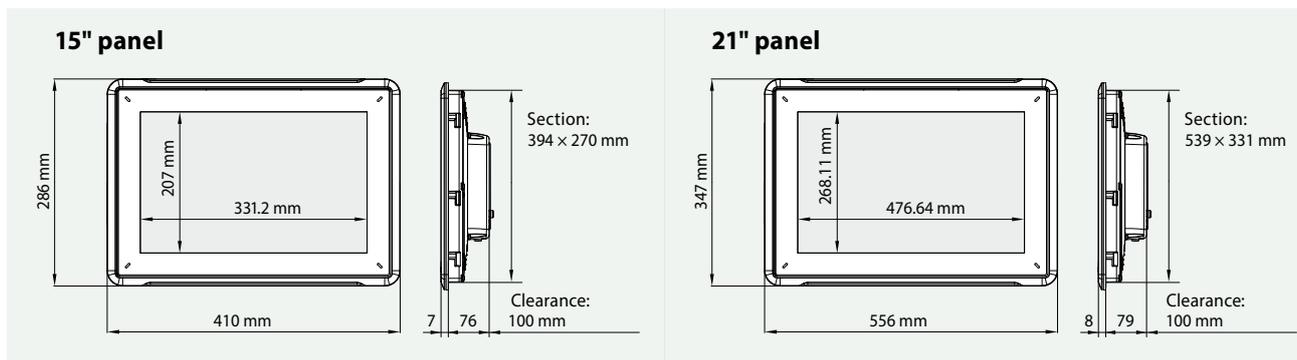
Software tool

- ▶ Saia PG5® Web Editor

Browser

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

Dimensions

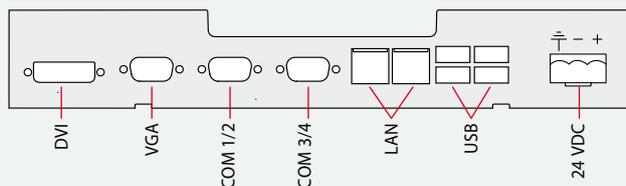


Specifications

	PCD7.D6150WTC010	PCD7.D6210WTI010
		
Display (inches)	15"	21"
Technology/colours	TFT-LCD with LED backlight 16 million	
Resolution	WXGA 1280 × 800	HD WUXGA 1920 × 1080
Aspect ratio	16 : 10	
Brightness	450 cd / m ²	250 cd / m ²
Viewing angle	160°/140°	170°/160°
CPU/memory		
CPU	Intel® Celeron® B810E 2 × 1.6 GHz	Intel® Core™ I7-2715QE 4 × 2.1 GHz
RAM	2 GByte	4 GByte
ROM	100 GByte industrial server HDD	
External memory	possible via USB	
Interfaces		
Ethernet	2 × 10/100/1000 Base RJ-45	
Serial	2 × RS-232 2 × RS-422/485 (combined)	
USB	4 × USB 2.0	
Dimensions/weight		
Dimensions W × H × D, in mm	410 × 286 × 83	556 × 347 × 87
Cut-out front W × H, in mm	394 × 270	539 × 331
Storage temperature	-20...+70 °C	
Power consumption at rated voltage	114 W	125 W
Weight	approx. 5.4 kg	approx. 8.1 kg
Operating system/browser/server		
Operating system	Windows® 7 Embedded Standard	
Browser	Micro Browser/Internet Explorer	
.Net	.Net Framework	
Saia.Net	Web-Connect/Web-HMI Server	

Connections

PCD7.D61xxTCW10



Saia-Burgess Controls AG

Bahnhofstrasse 18 | 3280 Murten, Switzerland
T +41 26 580 30 00 | F +41 26 580 34 99
www.saia-pcd.com

support@saia-pcd.com | www.sbc-support.com