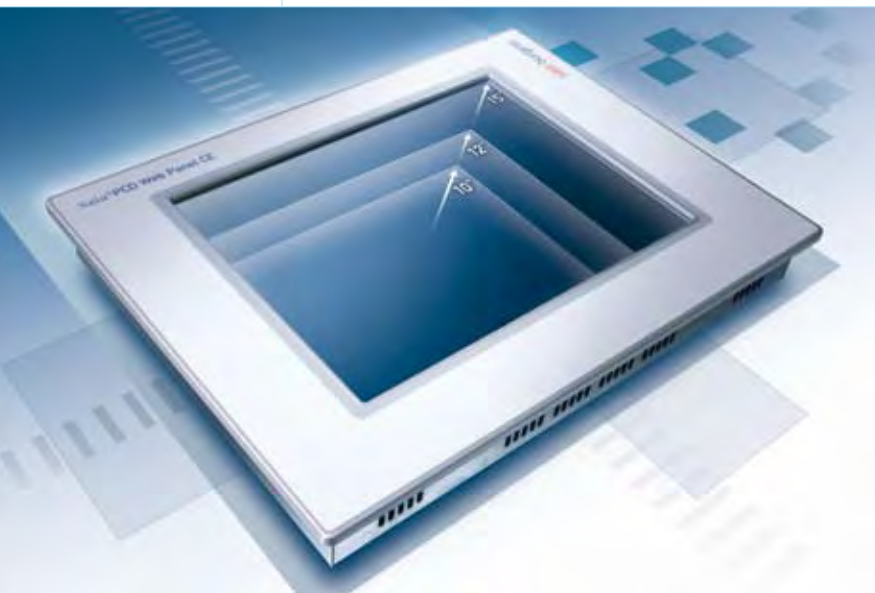
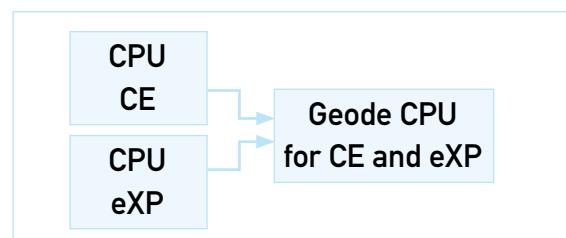


New Saia®PCD Windows® Web-Panel with Geode LX800 processor

A new CPU generation expands our offering in Windows®-based Web-Panels. For Windows®CE panels, this means more power, memory and higher display resolutions. In the Windows®eXP sector, the excellent price/performance ratio and fanless design of these new panels makes them extremely attractive.



offer a screen resolution of 800 x 600 pixels; resolution for the 15" displays is 1024 x 768 pixels. Alongside the usual interfaces, such as serial port, PS/2 and 2x USB, this new CPU has the advantage of two completely independent Ethernet interfaces. This avoids the need for any switch/hub and allows for neat separation between the automation network and the factory LAN.



The new, universal CPU platform for Windows® panels: even better, even more economical



In spring 2005, Saia-Burgess brought Windows®-based web panels to the market for the first time. The motivation for this step arose from the need to use web technology not just for telemaintenance in connection with PCs, but also for local process control and machine operation. This laid the foundations for a strong commitment to the HMI field and, in particular, web-compatible control panels. In just three years, thousands of web panels have already found their way into applications – ample proof that the web control concept is correct.

Saia-Burgess Controls is now adding another type of CPU to its existing Windows®CE and Windows®eXP series. Equipped with a Geode LX800 processor, the new panels occupy a position between XSCALE-based CE platforms and the eXP panels that are fitted with CELERON-M processors. In concrete terms, this means that, compared with previous CE panels, they have more processor power, greater memory, and displays of up to 15" in size. Regarding eXP panels, although the new CPU cannot quite match existing CELERON-M machines on processor power, it does however compete on price (significantly lower) and scores points for its fanless – i.e. silent – design.

The new LX800 Web-Panels can be supplied with both the Windows®CE operating system and Windows®XP embedded. They are available in display sizes 10", 12" and 15". The 10" and 12" displays

What are the benefits of Windows®CE 6.0?

CE variants are now supplied with Windows®CE version 6.0. The speed with which this version sets to work is a significant improvement on its predecessor. Before, Windows®CE had two weak points: only 32 different processes (i.e. applications) were executable at any one time and each application was limited to max 32MBytes of memory. As a result, even when the CPU platform offered much more than 32MBytes of memory, a single application still could not use it. These restrictions have now been dropped with Windows®CE 6.0: the new version supports up to 32 000 parallel processes and a single application can claim up to 2GBytes of working memory.

Upgrade without changing control cabinet or wiring
Saia®PCD Web-Panels with Windows® operating systems are modular in design, comprising a display unit and a CPU box. Only the CPU box is new; the display units are the same as those used with earlier panels (Windows®CE: 10"; Windows®eXP: 10", 12", 15"). It is not therefore necessary to change the front panel cut-out on existing applications. Upgrading or converting to the new panels therefore presents no problems. ■

The new Web-Panels are also available in the form of practical sets for wall mounting. The set includes a plastic box, Web-Panel and removable front frame.

Saia®PCD Web-Panels CE



	PCD7.D5100TL010	PCD7.D5120TL010	PCD7.D5150TL010
Display (inch)	10.4"	12.1"	15"
Technology/colours	TFT/16.7 million	TFT/16.7 million	TFT/16.7 million
Resolution/Pixels	SVGA 800 x 600	SVGA 800 x 600	SVGA 1024 x 768
CPU			
Processor	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)
RAM	256 MB	256 MB	256 MB
Compact Flash Card slot	1 x external with 128 MB CFC	1 x external with 128 MB CFC	1 x external with 128 MB CFC
Schnittstellen			
Ethernet	2 x 10/100 Base, RJ45	2 x 10/100 Base, RJ45	2 x 10/100 Base, RJ45
USB	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
Serial	1 x RS232	1 x RS232	1 x RS232
Keyboard/Mouse	Mini DIN PS/2	Mini DIN PS/2	Mini DIN PS/2
Operating system/Browser/Server			
Operating system	Windows CE 6.0	Windows CE 6.0	Windows CE 6.0
Browser	Internet Explorer Micro-Browser Applet-Viewer	Internet Explorer Micro-Browser Applet-Viewer	Internet Explorer Micro-Browser Applet-Viewer
Saia®.NET Web-Connect	pre-installed	pre-installed	pre-installed
Server	Web-Server FTP-Server File-Server (enabling) VNC (telemaintenance)	Web-Server FTP-Server File-Server (enabling) VNC (telemaintenance)	Web-Server FTP-Server File-Server (enabling) VNC (telemaintenance)

Saia®PCD Web-Panels eXP



	PCD7.D6100TL010	PCD7.D6120TL010	PCD7.D6150TL010
Display (inch)	10.4"	12.1"	15"
Technology/colours	TFT/16.7 million	TFT/16.7 million	TFT/16.7 million
Resolution/Pixels	SVGA 800 x 600	SVGA 800 x 600	SVGA 1024 x 768
CPU			
Processor	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)
RAM	512 MB	512 MB	512 MB
Compact Flash Card slot	1 x internal with 1 GB CFC 1 x external	1 x internal with 1 GB CFC 1 x external	1 x internal with 1 GB CFC 1 x external
Interfaces			
Ethernet	2 x 10/100 Base, RJ45	2 x 10/100 Base, RJ45	2 x 10/100 Base, RJ45
USB	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
Serial	1 x RS232	1 x RS232	1 x RS232
Keyboard/Mouse	Mini DIN PS/2	Mini DIN PS/2	Mini DIN PS/2
Operating system/Browser/Server			
Operating system	Windows XP embedded	Windows XP embedded	Windows XP embedded
Browser	Internet Explorer	Internet Explorer	Internet Explorer
Virtual Java Engine	Sun Microsystems	Sun Microsystems	Sun Microsystems
Saia®.NET Web-Connect	pre-installed	pre-installed	pre-installed
Server	Web-Server FTP-Server File-Server (enabling) VNC (telemaintenance)	Web-Server FTP-Server File-Server (enabling) VNC (telemaintenance)	Web-Server FTP-Server File-Server (enabling) VNC (telemaintenance)