



INNOVATIVE WP-X WEB PANEL WITH SCALABLE PERFORMANCE

This modern web panel series combines high-quality design with brilliant multi-touch technology displays and scalable performance. The panels feature a robust glass touchscreen set within a stylish aluminum or stainless steel frame. Standard versions are available in front-side protection classes up to IP65.

The web panels can be delivered with an optimized HTML5 standard browser or a sleek micro-browser by iniNet. The latter also provides perfect support for modern CODESYS web server solutions integrated in SPS control systems.

For a flexible selection of performance levels, we provide both ARM and x86 processors with up to 4 cores and featuring Linux embedded.

The panels were designed for long-term-availability (> 10 years) and can be readily customized and expanded.



FEATURES

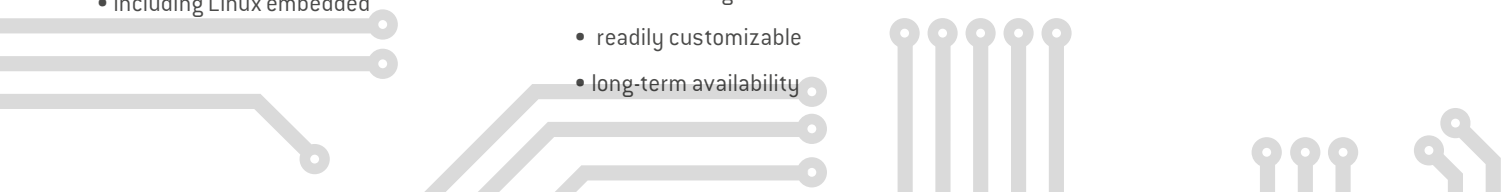
- capacitive multi-touch
- stainless-steel or aluminum front
- premium display with maximum resolution and brightness
- various sizes from 7"
- scalable computing performance
- optionally available with iniNet micro-browser
- supports CODESYS web servers
- including Linux embedded

CUSTOMER BENEFITS

- high-quality design with glass touchscreen
- brilliant displays with all-round symmetrical angle of view
- "calling card" of the machine / facility
- compact design, shallow installation depth
- vertical or horizontal mounting
- simple installation
- flexible configuration
- readily customizable
- long-term availability

APPLICATIONS

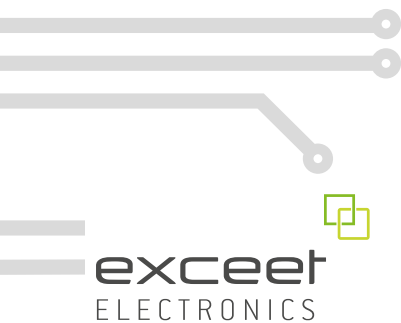
- web panel
- device control
- building automation
- machine control
- infotainment
- additional operating/display info
- modern, standardized web server-based visual solutions



TECHNICAL DATA

Housing & Display	WP-70	WP-101	WP-121	WP-156
HUMAN-MACHINE INTERFACE				
Display, brightness	7", 1024x600, 400cd/m ²	10.1", 1280x800, 420cd/m ²	Launch Q3/2018	15.6", 1388x768, 400cd/m ²
Type, reading angle	IPS, 85°/85°/85°/85°	TFT, 85°/85°/85°/85°		TFT, 85°/80°/85°/85°
Touch	PCAP, Multitouch			
MECHANICS / ENVIRONMENT / OPTIONS				
Dimensions BxHxT mm	200.1 x 131.9 x 47.4	264.5 x 187 x 40.9		404.5 x 253.5 x 59.4
Installation depth (ARM) mm	42.4	35.4		51.9
Protection class	Front IP65			
Operating temperature	0..+55°C, [extended temperature range]			
Options	stainless-steel front, customer-specific OEM versions, open-frame			

Computer HW	WP-xxx with ARM i.MX6	WP-xxx with Intel Atom E3800
FUNCTIONS		
	STANDARD [OPTIONS]	
MICROPROCESSOR		
CPU	NXP ARM i.MX6 1-2 Cores	Intel Atom E3800 1-4 Cores
Clock	800 MHz [1-2 Cores]	1.46 GHz [1 Core] - 1.91 GHz [4 Core]
MEMORY		
eMMC	[up to 64 GB]	16 GB [up to 64 GB]
DRAM DDR3L	1 GB [up to 2 GB]	1 Slot with 2GB [1 GB up to 8 GB]
NAND/NOR-Flash	512 MB [256 MB] / 1 MB [up to 16 MB]	- / 8 MB (BIOS)
SRAM/FRAM	[8 kB up to 128 kB] / [up to 512 kB]	[128 kB] / [up to 512 kB]
SD-Card	microSD (max. 32GB SDHC)	
COMMUNICATION / INTERFACES		
USB	2x USB 2.0 Host	2x USB 2.0 Host, [1x USB 3.0]
Ethernet	1x 10/100 Mbit [2x]	1x 10/100/1000 Mbit [2x]
COM	[1x RS232 or RS485]	[1x RS232 or RS485]
OTHERS		
RTC	- / [battery-buffered]	
Power supply	24 VDC ±20%	
SOFTWARE		
Operating System	Embedded Linux	Linux Ubuntu [Windows 10, Embedded Linux]
Browser	HTML5-Browser, [Ininet-Browser for CODESYS-Webvisu]	



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