

WP WEB PANEL SERIES

Modern Web Panel in high-quality Design



Innovative WP-X Web Panel with scalable Performance

- ▶ Capacitive multi-touch
- ▶ Stainless-steel or aluminum front
- ▶ Premium display with maximum resolution and brightness
- ▶ Various sizes from 7"
- ▶ Scalable computing performance

POSSIBILITIES START HERE



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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.

▶ TECHNICAL DATA HOUSING & DISPLAY

	WP-70	WP-101	WP-121	WP-156
DISPLAY, BRIGHTNESS	7", 1024x600, 400cd/m ²	10.1", 1280x800, 420cd/m ²	Launch Q2/2019	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	PCAP, Multitouch	PCAP, Multitouch	PCAP, Multitouch
DIMENSIONS B x H x T 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	Front IP65	Front IP65	Front IP65
OPERATING TEMPERATURE	0 °C .. +55 °C, (extended temp. range)	0 °C .. +55 °C, (extended temp. range)	0 °C .. +55 °C, (extended temp. range)	0 °C .. +55 °C, (extended temp. range)
OPTIONS	stainless-steel front, customer-specific OEM versions, open-frame	stainless-steel front, customer-specific OEM versions, open-frame	stainless-steel front, customer-specific OEM versions, open-frame	stainless-steel front, customer-specific OEM versions, open-frame

▶ TECHNICAL DATA COMPUTER HW

		WP-XXX WITH ARM I.MX6	WP-XXX WITH INTEL ATOM® E3800
MICROPROCESSOR	CPU CLOCK	NXP ARM i.MX6 1-2 Cores 800 MHz (1-2 Cores)	Intel Atom® E3800 1-4 Cores 1.46 GHz (1 Core) - 1.91 GHz (4 Core)
MEMORY	eMMC DRAM DDR3L	(up to 64 GByte) 1 GByte (up to 2 GByte)	16 GByte (up to 64 GByte) 1 Slot with 2 GByte (1 GB up to 8 GByte)
	NAND/NOR-FLASH SRAM/FRAM SD-CARD	512 MB (256 MB) / 1 MB (up to 16 MB) (8 kB up to 128 kB) / (up to 512 kB) microSD (max. 32 GByte SDHC)	- / 8 MByte (BIOS) (128 kB) / (up to 512 kB) microSD (max. 32 GByte SDHC)
COMMUNICATION / INTERFACES	USB ETHERNET COM	2x USB 2.0 Host 1x 10/100 Mbit (2x) (1x RS232 or RS485)	2x USB 2.0 Host, 1x USB 3.0 1x 10/100/1000 Mbit (2x) (1x RS232 or RS485)
OTHERS	RTC POWER SUPPLY	- (battery-buffered) 24 VDC ±20 %	- (battery-buffered) 24 VDC ±20 %
SOFTWARE	OPERATING SYSTEM BROWSER	Embedded Linux HTML5-Browser, (Ininet-Browser for CODESYS-Webvisu)	Linux Ubuntu (Windows 10, Embedded Linux) HTML5-Browser, (Ininet-Browser for CODESYS-Webvisu)

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