

# WP WEB PANEL

---



## Innovative Web Panel with Scalable Performance

- ▶ Capacitive multi-touch
- ▶ Display sizes: 7", 10.1" and 15.6"
- ▶ IP65 aluminium front bezel, optional stainless steel
- ▶ Stainless steel housing
- ▶ HTML-5 Chromium based or MicroBrowser

POSSIBILITIES START HERE

# WP WEB PANEL

## Multi-Touch Panels with HTML-5 web browser

This modern Web Panel series combines high-quality design with brilliant multi-touch technology displays and scalable performance. The Web Panels feature a robust glass touchscreen set within a stylish aluminium or stainless steel frame. Standard versions are considered for panel mount and offer IP65 protection at the front.

The Web Panels are delivered with a performance-optimized HTML5 standard browser or with the sleek MicroBrowser by

iniNet. The latter offers the shortest reaction times for PLC controls with an integrated CODESYS web server.

For a flexible selection of performance levels single and dual core Arm® processors are provided.

The systems have been designed as long-term available building blocks (> 10 years) and can also be customized and expanded for individual requirements.

### TECHNICAL INFORMATION

DISPLAY		See table below
TOUCH	TECHNOLOGY	PCAP, glossy glass surface
PROCESSOR	CPU	NXP Arm® i.MX6 1-2 Cores, 800 MHz
MEMORY/STORAGE	DRAM DDR3L eMMC NAND/NOR-FLASH SD-CARD	1 GByte, soldered (up to 2 GByte) (4 to 16 GByte) 512 MByte (256 MByte) / 1 MByte (up to 16 MByte) microSD, exchangeable (up to 32 GByte SDHC)
INTERFACES	USB ETHERNET EXPANSION PLUGS (INTERNAL)	2x USB 2.0 (Host) 1x Ethernet 10/100 (2x Ethernet 10/100) GPIO, HDMI, SPI, i²C
MECHANICAL	CONSTRUCTION COOLING MOUNTING	Front IP65 in aluminium, backside IP20 in stainless steel Fanless Fixing elements for easy and quick cabinet mounting
ENVIRONMENT	CERTIFICATION POWER EMC OPERATING TEMPERATURE STORAGE TEMPERATURE HUMIDITY ALTITUDE	CE 24 VDC +-20 % EN 61000-6-2 (immunity), EN 61000-6-4 (emission) 0 °C ... +55 °C -20 °C ... +70 °C 10 %-90 % @ 39 °C, non-condensing Up to 6.500 ft (2000 m)
SOFTWARE	OPERATING SYSTEM STANDARD-BROWSER BROWSER (OPTION)	Embedded Linux (Yocto distribution) Chromium based MicroBrowser by iniNet

### DISPLAY INFORMATION

DISPLAY SIZE	RESOLUTION	FORMAT	BRIGHTNESS	DIMENSIONS	VIEWING ANGLE	COLORS	WEIGHT	CONSUMPTION
WP-70: 7.0"	1024x600	17:10	450 cd/m²	200 x 132 x 48	85°/85°/85°/85°	16.7 million	~ 0.82 kg	5.5 VA
WP-101: 10.1"	1280x800	16:10	420 cd/m²	265 x 187 x 41	85°/85°/85°/85°	16.7 million	~ 1.3 kg	8.9 VA
WP-156: 15.6"	1366x768	16:9	400 cd/m²	405 x 254 x 60	85°/80°/85°/85°	16.7 million	~ 3.5 kg	16.8 VA

### Global Headquarters

#### Kontron S&T AG

Lise-Meitner-Str. 3-5  
86156 Augsburg, Germany  
Tel.: + 49 821 4086 0  
Fax: + 49 821 4086 111  
info@kontron.com  
[www.kontron.com](http://www.kontron.com)