WP Web Panel 3x, 4x, 5x

15.6"/39 cm

10.1"/25.8 cm

7"/17 cm

QIWI TOOLKIT

Innovative Web Panel with smart QIWI software toolkit

❯ Display sizes: 7", 10.1" and 15.6" versions, capacitive multi-touch

❯ IP65 aluminum front bezel, optional stainless steel

❯ High performance up to Intel Atom® Quad Core or Arm® i.MX8M Mini Quad Core

❯ Chromium based HTML-5 Browser or MicroBrowser

❯ QIWI software toolkit for better performance and easy configuration

kontron

Product Highlights

WP Web Panel 3x, 4x, 5x

WP Web Panel - Multi-Touch Panels with HTML-5 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, completely flush mounted in 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 smart "QIWI" software toolkit with a performance-optimized HTML-5 Browser together with numerous sophisticated features for the specific needs of industrial users.

For a flexible choice of performance levels we offer Arm® based i.MX6 single or Dual Core and i.MX8M Mini Quad Core as well as Intel Atom® based Dual or Quad Core processors.

The Web Panels have been designed as long-term available devices (> 10 years) and can also be customized and optimized to individual requirements.

Technical Information

		WP 3x with Arm® i.MX6	WP 4x with Arm® i.MX8M Mini	WP 5x with Intel Atom® E3800
TOUCH		PCAP multi-touch, flush glass surface		
PROCESSOR		Arm® i.MX6 1 or 2 Cores 800 MHz	Arm® i.MX8M Mini 4 Cores 1.6 GHz	Intel Atom® E3800 2 Core 1.33 GHz / 4 Core 1.91 GHz
MEMORY/STORAGE	RAM FLASH	1 GB DDR3 (up to 2 GB) 512 MB NAND Flash microSD-slot	1 GB DDR4 (up to 2 GB) 4 GB eMMC (up to 32 GB) microSD-slot	2 GB DDR3 (up to 8 GB) 16 GB eMMC (up to 32 GB) microSD-slot
INTERFACES		2x USB 2.0 (Host) 1x Ethernet (10/100)	2x USB 2.0 (Host) 1x Ethernet (10/100/1000)	2x USB 2.0 (Host) 1x Ethernet (10/100/1000)
POWER SUPPLY		24 VDC ±20 %		
EMC		EN 61000-6-2 (immunity), EN 61000-6-4 (emission)		
CERTIFICATIONS		CE	CE, (UL/cUL planned)	CE
PROTECTION CLASS/ MECHANICAL		Front IP65 in aluminum, backside IP20 in stainless steel/fixing elements for quick mounting (portrait or landscape)		
ENVIRONMENT	OPERATING TEMPERATURE COOLING SHOCK VIBRATION HUMIDITY	0 °C ... +55 °C Fanless Shock (EN 60068-2-27) Vibration (EN 60068-2-6) 10 % - 90 % @ 39 °C, non-condensing		
SOFTWARE	OPERATING SYSTEM BROWSER ADDITIONAL SOFTWARE	Embedded Linux (Yocto) Chromium based HTML-5 or MicroBrowser (IniNet) QIWI Toolkit, optimized browser with easy configuration and wide range of features	Embedded Linux (Yocto) Chromium based HTML-5	Embedded Linux (Debian) Chromium based HTML-5
OPTIONS (FURTHER OPTIONS ON REQUEST)		Stainless steel front, 2x Ethernet 1x RS232, 1x RS485 WIFI USB Dongle	Stainless steel front, 2x Ethernet 1x RS232 WIFI USB Dongle	Stainless steel front, 2x Ethernet 1x RS232, 1x RS485 WIFI USB Dongle

Display Information

DISPLAY SIZE	RESOLUTION	TYPE	FORMAT	BRIGHTNESS	VIEWING ANGLE	COLORS	DIMENSIONS WP3x/WP4x
7.0"	1024x600	Opt. bond	17:10	450 cd/m²	85°/85°/85°/85°	16.7 million	200 x 132 x 48
10.1"	1280x800	Opt. bond	16:10	430 cd/m²	80°/80°/80°/80°	16.7 million	265 x 187 x 41
15.6"	1366x768	Air-gap	16:9	400 cd/m²	85°/80°/85°/85°	16.7 million	405 x 254 x 60

About Kontron

Kontron is a global leader in IoT/Embedded Computing Technology (ECT) and offers individual solutions in the areas of Internet of Things (IoT) and Industry 4.0 through a combined portfolio of hardware, software and services. With its standard and customized products based on highly reliable state-of-the-art technologies, Kontronprovides secure and innovative applications for a wide variety of industries. As a result, customers benefit from aceerated time-to-market, lower total cost of ownership, extended product lifecycles and the best fully integrated applications.

For more information, please visit: **www.kontron.com**

About Kontron Electronics

Kontron Electronics AG acts as a provider of automation solutions. The enterprise is at home in a variety of sectors, such as industrial machinery and device manufacturing, medical technology and building automation. Our portfolio includes proprietary and client-specific products, development and design services for complex electronics components, modules and systems, as well as production and assembly services for entire devices. The company is part of the technology corporation Kontron AG.

For more Information please visit: **www.kontron-electronics.com**

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