

## 12.1 inch WebPanel ARMPAC-612P with Wachendorff web browser



- 12.1" TFT-LCD graphic display 800 x 600 pixels
- Option: High Resolution XGA 1024 x 768 pixels
- Processor: Freescale i.MX6 Dual Lite, ARM Cortex A9
- Plastic housing with low installation depth
- Flush frame design, IP65 front side
- Reading angle horizontal 178°, vertical 178°
- Client for CODESYS V3 web server

<https://www.wachendorff-prozesstechnik.de/en/armpac-612p>

### Description

The ARMPAC series is based on a Freescale i.MX6 Dual Lite, ARM Cortex A9 processor.

The WebPanels are available in the display sizes 7", 10.1" and 12.1", optionally equipped with projected capacitive or resistive touch. The projected capacitive touch enables multi-touch operation. If pressure-sensitive operation is required (e.g. with gloves), the resistive touch is the right choice.

The housings are IP65 rated on the front and have a very compact and robust design. Thanks to their low installation depth, the WebPanels can be used almost anywhere.

The WebPanel comes with the pre-installed *Wachendorff web browser* and is designed for connection to controllers with their own web server (e.g. CODESYS V3 web server). Setting up and operating the web browser is extremely simple and intuitive. Thanks to the direct adaptation of the browser to the hardware, page switching is fast and smooth.

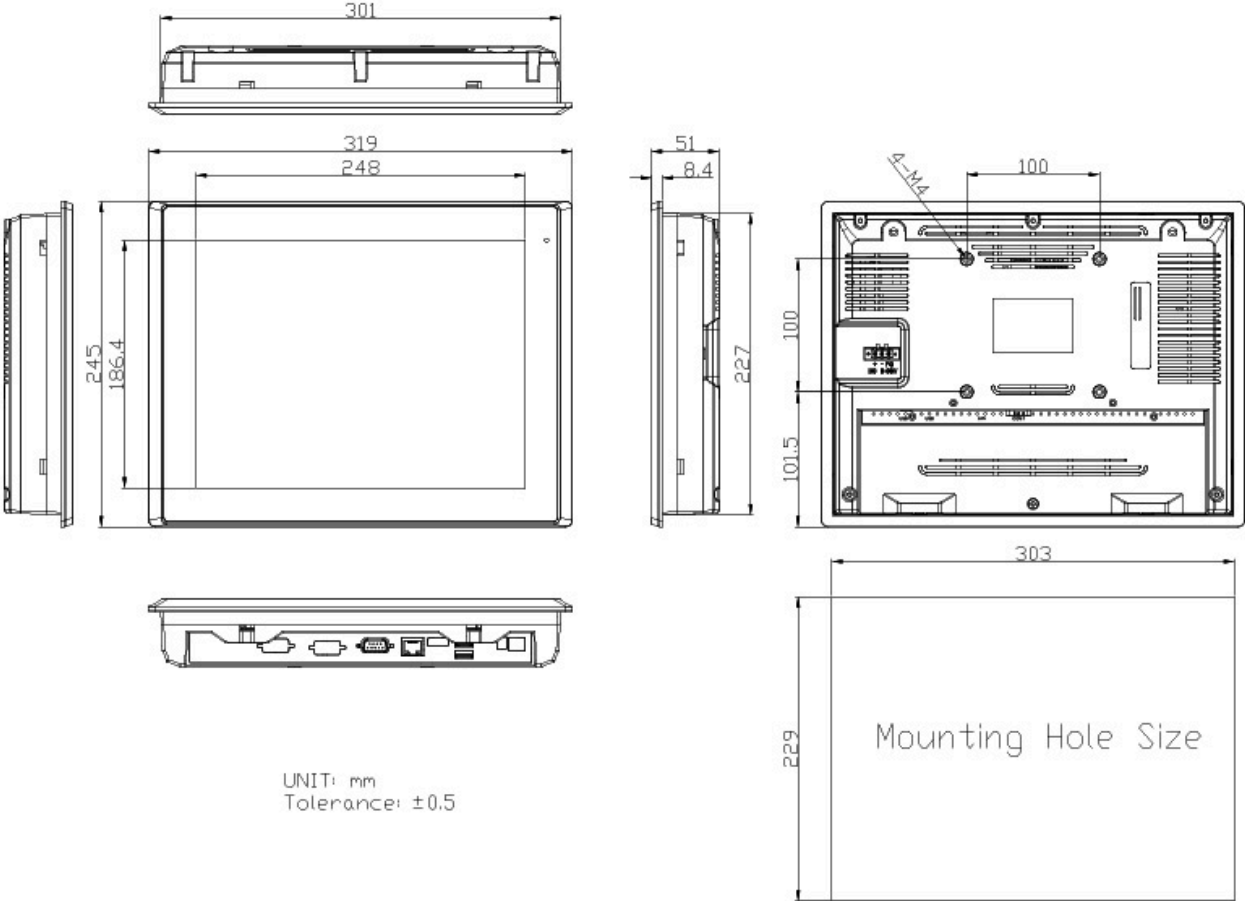
### Product details

Power supply:	9 VDC to 36 VDC Power consumption: max. 10.8 W
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Display:	12.1" TFT LCD
Resolution:	800 x 600 pixels Option: High Resolution XGA 1024 x 768 pixels
Aspect ratio:	4:3
Brightness:	450 cd/m <sup>2</sup> Option: High Resolution XGA 1024 x 768 pixels 500 cd/m <sup>2</sup>
Colors:	262K
Reading angle:	H: 178° / V: 178° Option: High Resolution XGA 1024 x 768 pixels H: 160° / V: 140°
Touch screen:	projects capacitively
Processor:	Freescale i.MX6 DualLite, ARM Cortex A9
RAM:	1 GB DDR3 SDRAM
Storage:	Onboard 4GB eMMC NAND Flash
Additional memory:	1 x Micro SD slot
Interfaces:	USB: 2x USB 2.0 Host Type A USB: 1x USB 2.0 OTG Micro Type B Serial: COM1 RS232/RS422/RS485 Ethernet: 1x 10/100/1000 BaseT(X), RJ45
Expansion slots:	1x Mini PCIe slot full size

Housing:	Robust plastic housing
Assembly:	VESA 100 x 100; panel mounting
Protection class:	Front IP65
Weight:	approx. 1.5 kg
Dimensions (WxHxD):	319 mm x 245 mm x 51 mm
Ambient conditions:	Operation: 0 °C to +50 °C Storage: -20 °C to +60 °C 10 % to 90 %rHn at 40 °C, non-condensing
Certifications:	CE UL FCC Class A
Operating system:	Android Automation Browser
Browser:	Pre-installed Web browser Starts automatically in full-screen mode
Options:	1x COM (RS-232/422/485) 1x WLAN 802.11b/g/n (2.4GHz) 1x WLAN 802.11b/g/n (2.4GHz) + Bluetooth 4.0 1x Power over Ethernet (PoE)  High Resolution (12" Upgrade to XGA LCD)
Scope of delivery:	Device 1 x Mounting material 1 x plug-in power supply unit
Customs tariff number:	84714100
Manufacturer:	Aplex Technology Inc.

**Drawings**

**Dimensions (mm):**





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