



ARMPAC Series: Ready-to-use HMI for Industrial Automation



Alptech Elektronik GmbH, a global **industrial computer products solutions provider**, is pleased to introduce ARM-based human machine interface, ARMPAC series, runs at low power levels with built-in memory and storage. Based on the disparity of processor, ARMPAC series is provided two levels from entry to high-performance grade. It perfectly expands functionality and creates the plentiful possibility for overcoming the challenges in industrial automation applications to achieve customers' satisfaction.

Prepare the Best ARM-based Solution for You

ARMPAC-6 series that is powered by Freescale i.MX6 DualLite ARM Cortex A9 processor 1.0GHz. OS support is included for Android (ARMPAC-6); Linux with QT. With ARM-based system and diverse OS support, driving the ARM-based system to enhance the stability and extend the product life-cycle with low-power consumption for long-term utilization and cost-effective advantage.

Bring You a User-Friendly Experience

ARMPAC series features lightweight, durable, and impact resistance. With IP65 flat front bezel, it not only prevents water and dust from penetrating and accumulating inside the computer mechanical in the harsh environment but also maintains the computer that customers can easily clean the front panel.

ARMPAC-6 series comes in 7"-21" TFT-LCD with the resolution up to 1920 x 1080 (Full HD), both support 7H anti-scratch projected capacitive / resistive touch screen. ARMPAC series also supports sunlight readable solution with auto-dimming for providing the viewable surface while operating in high brightness environment, as well as software customization to enhance the compatibility, stability in different applications, and more flexibility for all users.

ARMPAC to Expand Functionality

With TB-508 series expansion boards to better serve industrial automation applications, it provides extra I/O that allows the customers to control all equipment simultaneously. Thanks to ARMPAC expansion ability, the I/O functions can be maximized for additional utilization to meet individual needs; the functionalities are in the following form:

Expansion selections:

Expansion board	Features
TB-508C1	1 x RS-232/422/485
TB-508CAN1	1 x CAN



Specialized in Customized Service

ARMPAC is specialized in customization due to the modular functions and software variety. To facilitate the Industrial automation, ARMPAC leverages the different modules to directly enrich the functionality according to the specific requirements.

ARMPAC provides a wealth of choices, delivering the perfect integration of hardware and software for the customers to work with. ARMPAC series supports to customize RFID, smart battery, brightness controlling and auto-dimming functions. Also, under ARM-based architectures, ARMPAC supports Android 6.0.1, Linux 3.2+QT4.8/ Linux4.1.15 + QT5.6.2, other software customizations for various APPs as well.

By customized service, protocol and software support, ARMPAC makes more accessible to operation capabilities.

IIoT Machine to Machine Application

ARMPAC series supports comprehensive communication modules for stably controlling each operation and efficiently transmitting the information especially by wireless networks such as WiFi / Bluetooth /GPS /3G / 4G LTE. Additionally, ARMPAC series specially provides POE function. By this, the power and data will travel down the same Ethernet cable; it simplifies the installation procedure and saves overall cost and time due to less wiring.



ARMPAC Series Features:

Model Name	ARMPAC-6 Series
Processor	Freescale i.MX6 DualLite ARM Cortex A9 processor 1.0GHz
Size	7"~21"
Memory	Onboard 1GB DDR3 DRAM
Storage	Onboard 4GB eMMC Flash
OS Support	Android 6.0.1 Linux4.1.15 + QT5.6.2 Linux 4.4 (will be ready in Q1 2018)
Power Supply	DC 9~36 V
Certification	CE / FCC Class A / UL

For more details please refer to Alptech official website [HERE](#):

About Alptech

Alptech Elektronik GmbH is one of the leading brands in industrial computer products. The company is dedicated to satisfying customer's needs by offering comprehensive solutions and applications, including industrial panel PCs, Human-Machine Interfaces (HMI), industrial displays, and Embedded Box PCs. In addition to a full line of standard products, Alptech also offers customized or OEM/ODM project services. Applications range from factory automation, transportation, retail, hospitality, environmental monitoring, warehousing, medical, to health care.

More information is available at www.alptech.de and on [LinkedIn](#), [Facebook](#)

Media Contact

Worldwide Alptech Elektronik Contact: info@alptech.de +49-6171-9799110
Sales Department: info@alptech.de +49-6171-9799110

All brands and product names are trademarks of their respective owners.