

AsiaRF Unveils the New Wi-Fi 7 Platform AP7988-002, Delivering High-Performance Wireless Solutions for the AI Era

NEW TAIPEI CITY, TAIWAN, February 13, 2025 /EINPresswire.com/ -- As AI development and the IoT market continue to mature, Wi-Fi has become one of the most universal and indispensable transmission methods in everyday life. However, with the growing demand for data traffic, existing networking technologies are facing challenges. To address these needs, [AsiaRF](#) proudly introduces its latest generation [Wi-Fi 7](#) router development board, the AP7988-002.

Designed to provide exceptional performance and seamless

connectivity in the wireless communications field, the AP7988-002 is powered by the four-core ARM Cortex-A73 MediaTek MT7988A processor, making it the ideal choice for AI-driven communication and high-bandwidth applications.

In terms of wireless performance, the AP7988-002 is equipped with the MediaTek MT7996 Wi-Fi chipset, supporting Wi-Fi 7 technology and offering ultra-high-speed connectivity of up to 19,000 Mbps. This ensures ultra-low latency and outstanding data transmission capabilities, providing the perfect solution for next-generation network applications. To further enhance wireless signal coverage, the AP7988-002 features a high-power amplifier front-end module, significantly boosting signal strength and transmission range. This makes it especially suitable for large-scale infrastructure and environments requiring stable connections, positioning it as an essential networking device for both enterprise and residential applications.

The AP7988-002 is built around versatility, combining Tri-Band Triple Concurrent (TBTC) technology with 10G PHY high-speed wired connectivity. This allows it to handle substantial data transmissions simultaneously, ensuring optimal performance in multi-device connected environments and providing a stable network foundation for high-bandwidth applications.



AsiaRF Unveils the New Wi-Fi 7 Platform AP7988-002, Delivering High-Performance Wireless Solutions for the AI Era

Additionally, the product comes with an integrated M.2 B Key slot, supporting 4G/5G WWAN modules to offer flexible mobile network connectivity options. The M.2 M Key slot enables storage expansion, making it especially suitable for data-intensive applications such as large-scale data processing needed by small to medium-sized businesses. An integrated GPS module further enhances the device's positioning capabilities, broadening its adaptability in modern network environments.

The launch of the AP7988-002 solidifies AsiaRF's leadership in wireless connectivity solutions, demonstrating the company's commitment to technological innovation and laying a solid foundation for IoT applications. AsiaRF continues to drive advancements in wireless technology, striving to improve the performance and ease of use of IoT technologies, expanding the ways people live and work.

This product's release marks a new milestone for AsiaRF in the wireless technology field. With its exceptional performance and flexible application options, it brings an unprecedented network experience to both industries and individual users. [For more information](#), please visit the AsiaRF official website for the latest updates and technical support.

Paul Lai

AsiaRF Co., Ltd.

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/785663547>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.