

Pioneering the Future with MediaTek Filogic Wi-Fi 8

Unlock the Future with Wi-Fi 8

Wi-Fi 8 will represent another significant leap in wireless technology, this time focusing on ultra-reliable connections. Businesses can expect optimized spectrum utilization, maximizing data throughput and minimizing interruptions, making it ideal for the increasing number of wirelessly connected devices.



A New Era of Reliability

Emphasizing Ultra High Reliability (UHR), Wi-Fi 8 is tailored for mission-critical applications such as e-health and industrial automation. This ensures that organizations can depend on consistent and dependable performance, which is crucial in today's increasingly wireless and mobile digital environment.



Enhanced Communication with Multi-AP Coordination:

Wi-Fi 8 boosts performance by coordinating multiple Access Points (APs) – Mesh networks – to work together more effectively, reducing interference and improving overall network reliability, especially in environments that need to accommodate many connected devices.



Optimized Spectrum Utilization:

Wi-Fi 8 optimizes spectrum efficiency, enabling faster data transfer speeds and lower latency, improving performance, even when many devices are using the same wireless space simultaneously.

Seamless Co-existence with Cellular Networks:

Wi-Fi 8 is built to work alongside cellular networks, ensuring that your internet connection remains stable and uninterrupted whether you're at home, office or on the go, seamlessly switching between networks as needed.



MediaTek: Leading the Charge

As a globally leading supplier of Wi-Fi solutions and part of IEEE 802.11bn Task Group Leadership that oversees Wi-Fi 8 development, MediaTek is deeply committed to driving the future of innovation, ensuring its products are fully standards compliant, and offer unparalleled interoperability.



Wi-Fi 8 Key Takeaways:

Enabling Reliable Actual Performance in Everyday Wi-Fi Environments



Seamless Connectivity Across Networks:

Wi-Fi 8 provides seamless connectivity with your cellular network, ensuring uninterrupted internet access at home or on the go.



Uninterrupted Performance:

Experience stable connections for video chats, gaming, e-health, and industrial applications, thanks to Wi-Fi 8's UHR design for demanding applications.



Optimized for Busy Households/ Office Environments:

Wi-Fi 8 delivers faster download speeds and smoother streaming, even in crowded environments with many connected devices.



Future-Ready Technology:

Investing in Wi-Fi 8 prepares you for the smart home, business, and edge AI/IoT revolution, with the value of connected devices projected to reach \$4.9 trillion by 2025.



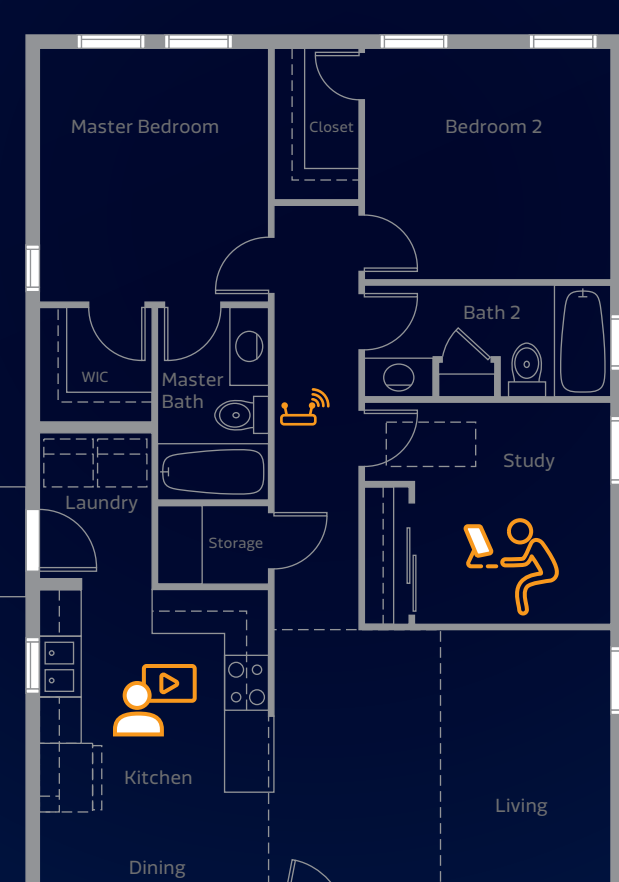
Trust the Leader in Wi-Fi Technology:

With MediaTek's commitment to innovation and quality, Wi-Fi 8 products will be ready for the future of connectivity.



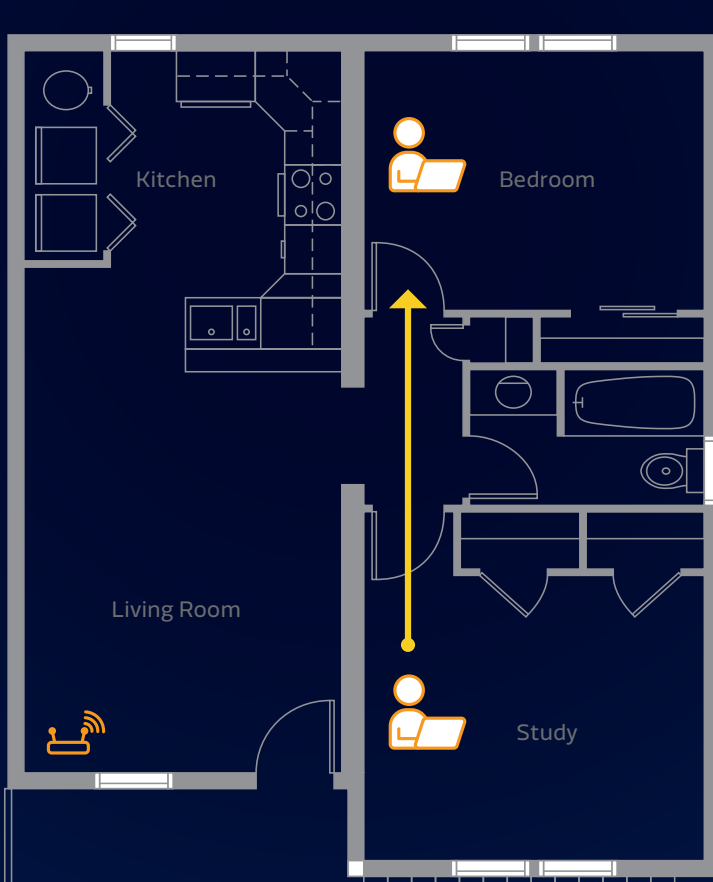
Faster Speeds with Less Interference:

Enjoy high-speed internet with minimized interference, increasing performance by up to 25% in multi-device households.



Improved Data Flow:

Enhanced Modulation and Coding Schemes (MCS) boost transmission rates by up to 30%, ensuring efficient data flow throughout your network.



Optimized for High Traffic:

Dynamic Sub-Channel Operation (DSO) optimizes bandwidth usage, offering speed improvements of up to 80% during peak traffic times.



About MediaTek

MediaTek is the world's largest supplier of Wi-Fi solutions and the fourth largest global fabless semiconductor company, powering more than two billion devices a year. We build chips that are less about connecting people to their devices and more about connecting your devices to what matters.

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