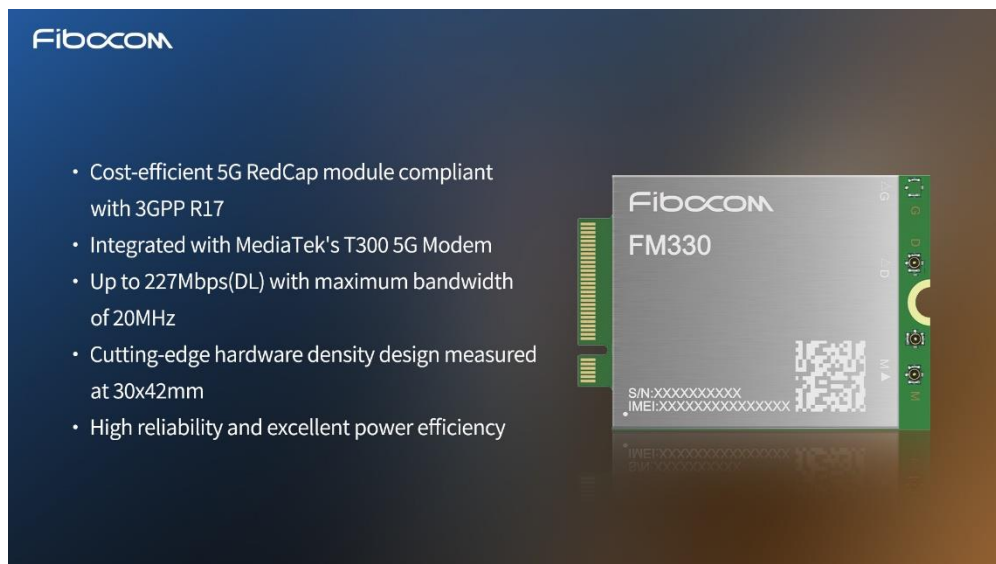


## 5G RedCap Module FM330 Series to Lead 5G Expansion

Fibocom announces the launch of the industry-first T300-based 5G RedCap Module FM330 series in collaboration with MediaTek. Expanding the landscape of 5G with MediaTek's T300, the new RedCap module series features incomparable wireless performances in high transmission reliability, cutting-edge hardware density design, and excellent power efficiency. The FM330 series is positioned to expand the 5G landscape to a broader range, covering consumer-level, enterprise-level and industrial-level scenarios.

Fibocom, a global leading provider of IoT (Internet of Things) wireless solutions and wireless communication modules, launches a new series of 5G RedCap module integrated with MediaTek's T300 5G modem, which is the world's first 6nm radio frequency system-on-chip (RFSOC) single die solution for 5G RedCap. By integrating a single-core Arm Cortex-A3 processor in a significantly compact PCB area, the FM330 series are optimal solutions that offer extended coverage, increased network efficiency and device battery life for industry customers.



Compliant with 3GPP R17 standards, the FM330 series supports mainstream 5G frequency bands worldwide and is capable of reaching a maximum bandwidth of 20MHz, thus ensuring the peak data rate of up to 227Mbps downlink and 122Mbps uplink, sufficient to meet the demand for 5G applications with less data throughput while balancing the power efficiency. In hardware design, it adopts the M.2 form factor measured at 30x42mm benefiting from the unique RFSOC solution integrated with T300, in addition to the optimized antenna design in 1T2R, which significantly saves the PCB area. Moreover, FM330 series is pin-compatible with Fibocom LTE Cat 6 module FM101, easing the concerns for customers' migration from 4G to 5G. Furthermore, the module provides 64QAM/256QAM (optional) modulation scheme to greatly optimize the cost and size.

## 5G Dongle solution built-in with Fibocom 5G RedCap module FM330

5G dongles are gaining popularity in providing portable high-speed, ultra-reliable, and on-device connectivity anywhere, anytime, broadening the landscape of 5G FWA to more use cases. Fibocom's FM330 series supports mainstream operating systems including Windows, Linux, and Android to match the diversity of terminals. Equipped with a standard USB peripheral interface, it's easy to access the internet with plug and play, and can be widely applied to terminal devices such as PC, tablets, drones, industrial routers, and more. Fibocom will leverage the one-stop 5G dongle solution to help customers adapt to the fast-growing marketplace and realize 5G monetization with less time to market.

**Contact Alcom for additional information.**