

MediaTek | T830

Leading 5G Platform for Fixed Wireless and Mobile Hotspot Devices

MediaTek T830 is a premium consumer premise equipment platform in a compact, power efficient package. It connects superfast 5G to multi-gigabit Wi-Fi for high-performance products, like fixed wireless access (FWA) points, routers and mobile hotspots (Mi-Fi).

Highly Integrated, Compact, Efficient Platform

MediaTek's T830 platform includes an integrated 4G/5G cellular modem and PMICs, with options for Wi-Fi, Ethernet & peripheral expansion.

MediaTek T830 SoC Essentials

- Powerful 2.2GHz quad-core application processor
- Dedicated MediaTek Network Processing Unit
- Dedicated QoS Acceleration and Tunneling Offload Engine

For Product Designers

Reduce development costs and achieve time-to-market advantages. Create innovative products with our class-leading CPE platform.

- Supports battery-powered devices for compelling Mi-Fi products
- Global 4G/5G sub-6GHz bands
- Superfast Wi-Fi 6/6E
- Ready for extreme performance Wi-Fi 7 in 2023
- Up to 10Gbps Ethernet
- Bluetooth 5 Connectivity
- Peripheral IO for customization



For Operators

Offer services with leading performance, the best 5G experiences and multi-gigabit speeds for fixed devices in homes and businesses, and mobile internet devices.

- 3GPP Release-16 standard
- 5G NSA & SA support
- 4G/5G FDD & TDD + mixed duplex
- 5G up to 4CC-CA up to 300MHz
- Dual 5G SIM (DSDS)
- GNSS

For Users

Devices using MediaTek's T830 deliver superfast internet services, can be self-installed & placed anywhere – no phone line or fiber required.

- Next-gen Mi-Fi & CPE devices with extreme speeds up to 7Gbps
- Multi-gigabit Wi-Fi performance
- Multi-gigabit Ethernet performance
- Power-efficient platform extends battery life for Mi-Fi devices