

## Overview

WQ9001 is a high-end Wi-Fi 4 SoC chip that integrates the 2.4 GHz RF, PHY & MAC, RISC-V CPU, OTP, USB interface, and power management module. The chip is compatible with IEEE802.11 b/g/n.

## Functions

- Supports 802.11a/b/g/n.
- Supports 1x1 2.4 GHz RF.
- Supports the maximum PHY rate of 72 Mbps.
- Integrates the PA, LNA, and TR switch.
- Integrates the high-performance RISC-V CPU.
- Supports the USB2.0 interface.

## Applications



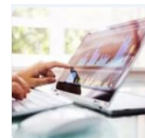
Webcam



TV



Set-top box



PC

## Block Diagram

