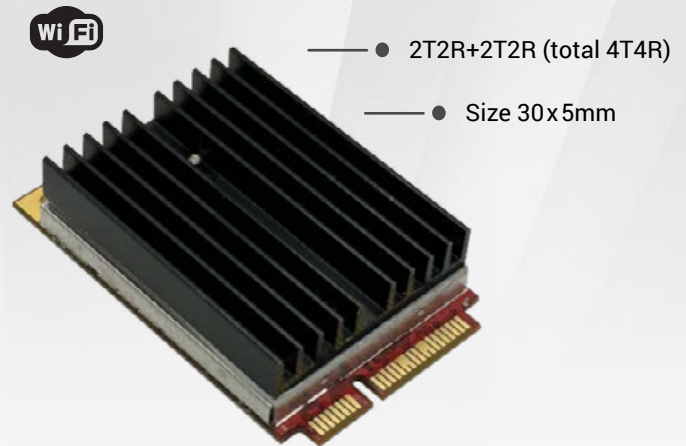


CMP9720

Wi-Fi 7 2.4GHz + 5GHz Mini PCIe 2x2 Module

Dual-Band Simultaneous



The CMP9720 is a high-performance Wi-Fi 7 PCIe module designed for enterprise applications, leveraging the Qualcomm QCN9274 chip for dual radio 2x2 MIMO + 2x2 MIMO operations with up to 320 MHz bandwidth per chain.

WIRELESS FEATURES

- Dual-Band 2x2 Wi-Fi 7
- Concurrent Dual-Band 2x2 MIMO
- Supports 802.11a/b/g/n/ac/ax/be standards
- Dual-synthesizer radio (320 MHz per chain)
- 2.4 GHz (40 MHz) and 5 GHz (up to 320-80 MHz) operation
- Modulation: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM, depending on the standard.
- DL/UL MU-MIMO, OFDMA support
- DFS radar detection and avoidance

PROTOCOL & INTERFACE

- Support PCIe Gen 3 (backward compatible)
- Antenna Port: U.FL(Compatible) connector x2 for 5GHz 2T2R + 2.4 GHz 2T2R

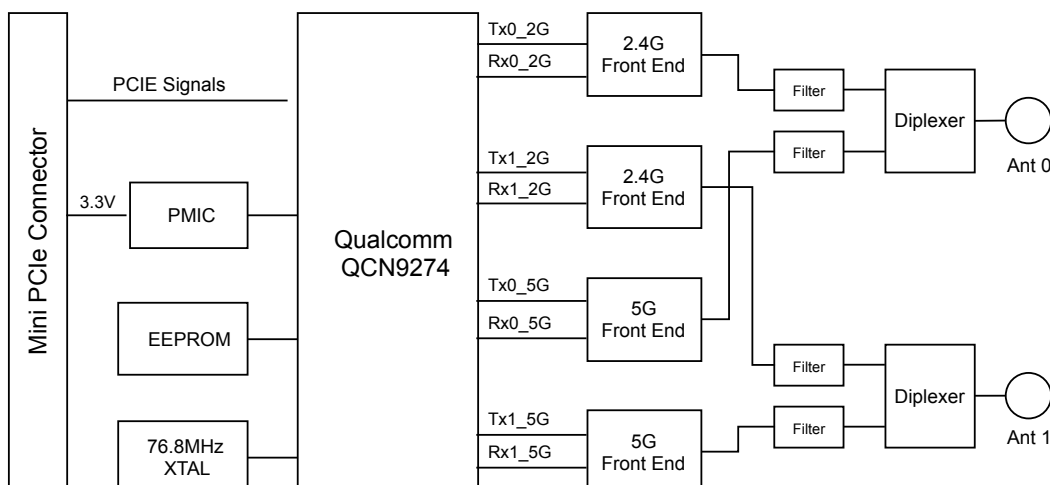
SECURITY

- AES-CCMP, AES-GCMP, WEP, TKIP, WAPI, WPA3 security standards

APPLICATIONS

- Industrial Networks
- Smart City
- Building Controls
- Medical
- Security
- Portable Computing/Printing
- Factory Automation
- Transportation
- POS Terminals

BLOCK DIAGRAM



Questions? Call Us
(408) 919-2500
www.cel.com