Qualcomm Dragonwing™

Point-to-Multi-Point (PtMP) Platform

High-capacity Fixed Wireless Access (FWA) mmWave solution.

The Dragonwing PtMP Platform brings scalable, fiber-like connectivity for multi-subscriber broadband deployments. It includes chipsets for the Access Point (AP) and Customer Premises Equipment (CPE) and is enabled by a purpose-built scheduler designed to coexist with adjacent access points while reducing interference and improving throughput performance.

Designed for multi-subscriber broadband deployments, the Dragonwing PtMP Platform enables a single access point to simultaneously serve multiple customer premises.

Features

- High-capacity throughput and low latency
- Licensed mmWave operation
- TDMA-based scheduling
- Multi-standard frame synchronization for coordinated operation across standards
- Fiber-like last-mile connectivity
- Rapid deployment with minimal infrastructure

Highlights

Scalable, Cost-Effective, End-to-End Design

Complete end-to-end system, including the access point and CPE clients. This modular design is scalable to fit multi-subscriber broadband deployments.

Fiber-Like Broadband with mmWave FWA

High-performance connectivity without the need for deploying expensive and difficult infrastructure. With licensed mmWave spectrum, users benefit from deterministic network performance all while maintaining predictable latency.

High Performance and Long Range for Maximum Coverage

Infra-grade effective isotropic radiated power (EIRP) to support up to a 1.2 km line of sight.

Specifications

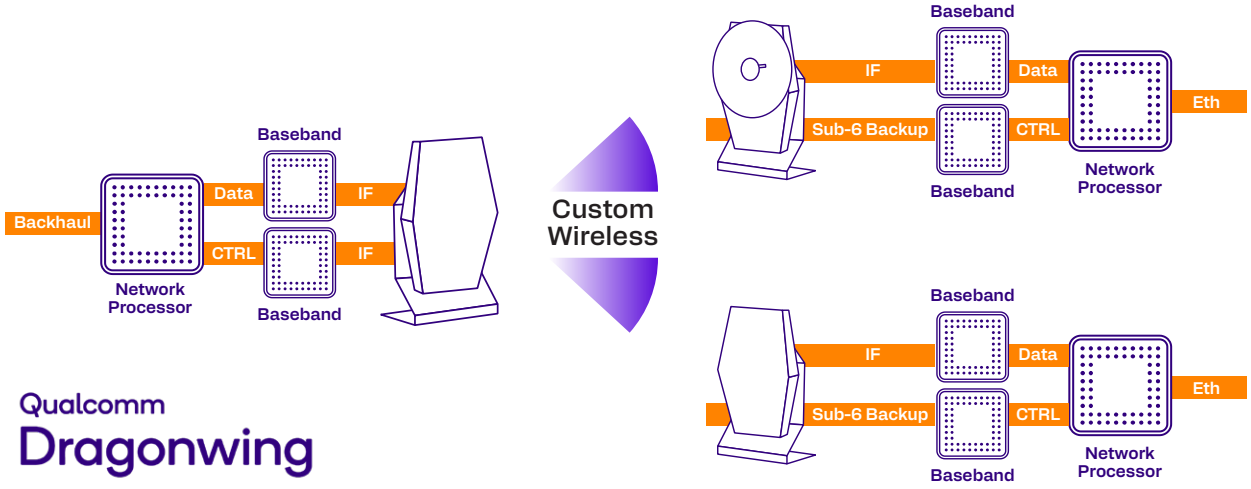
Cellular	**Modem:** Qualcomm® QMX85L Modem-RF **Technology:** Custom mmWave

Ordering Information

Product	Part Number
Dragonwing PtMP Platform	QMX85L

Part numbers are subject to change. Please check with the distributor for the most accurate ordering information.

Block Diagram



Qualcomm Dragonwing

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