Qualcomm Dragonwing™

Point-to-Point (PtP) Platform

High-capacity point-to-point licensed band backhaul solution.

The Dragonwing PtP Platform delivers long-range, point-to-point licensed band backhaul for reliable, high-performance coverage up to 4 km. Its robust connectivity features include a custom TDMA scheduler for low latency and multi-standard frame synchronization for coordinated operation across standards.

Features

- Multi-gigabit capacity
- Low latency
- End-to-end system for cost-effective, rapid deployment
- Fiber replacement capability
- Licensed spectrum reliability

Ordering Information

Product	Part Number
Dragonwing PtP Platform	QMX85L

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

Highlights

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

Optimized point-to-point designs to transport traffic between network nodes. Flexible deployment allows operators to extend existing radio access networks without the time and expense associated with wired deployments.

Fiber-Like Backhaul Links

Reliable, deterministic performance for cellular backhaul, enterprise building connectivity, temporary network deployment, fiber extension, and rural broadband infrastructure.

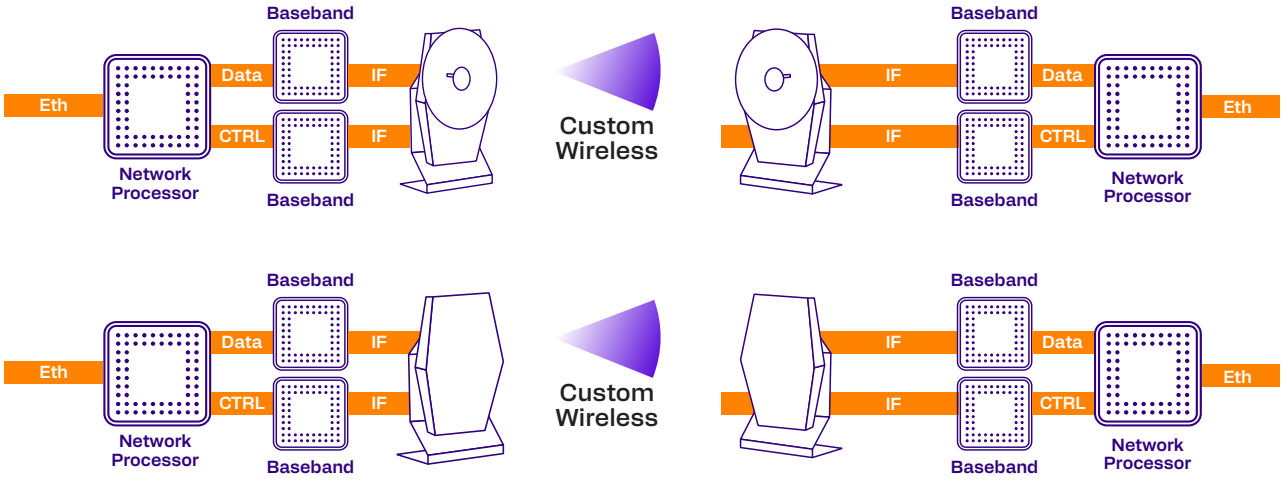
High Performance and Long Range for Maximum Coverage

Infra-grade effective isotropic radiated power (EIRP) to support up to a 4 km line of sight.

Specifications

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

Block Diagram



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To learn more visit: qualcomm.com

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