freescale
semiconductor

Product Number: MPC8377EWLANB

Enterprise IEEE 802.11N Access Point/Wireless Router

The MPC8377EWLAN access point/router is a complete production-ready, Bill of Materials (BOM)-optimized reference design solution capable of supporting wireless data rates up to 600 Mbps is ideally suited to maximize performance while still meeting the required power and cost budgets required by this application.

Features:

> MPC8377E PowerQUICC II Pro processor built on Power Architecture® technology
> -   Integrated hardware acceleration for wireless security
> MiniPCI or MiniPCI Express based interfaces for 802.11N radio modules
> Dual-band concurrent operation with 3 x 3 MIMO
> Gigabit Ethernet LAN and WAN interfaces
> USB 2.0 host/device interface
> IEEE® 802.3af PoE-compliant solution for dual-concurrent MIMO operation

Applications:

The MPC8377EWLAN can be used for wireless access, VPN router for secure remote access, intrusion detection or remote access point.