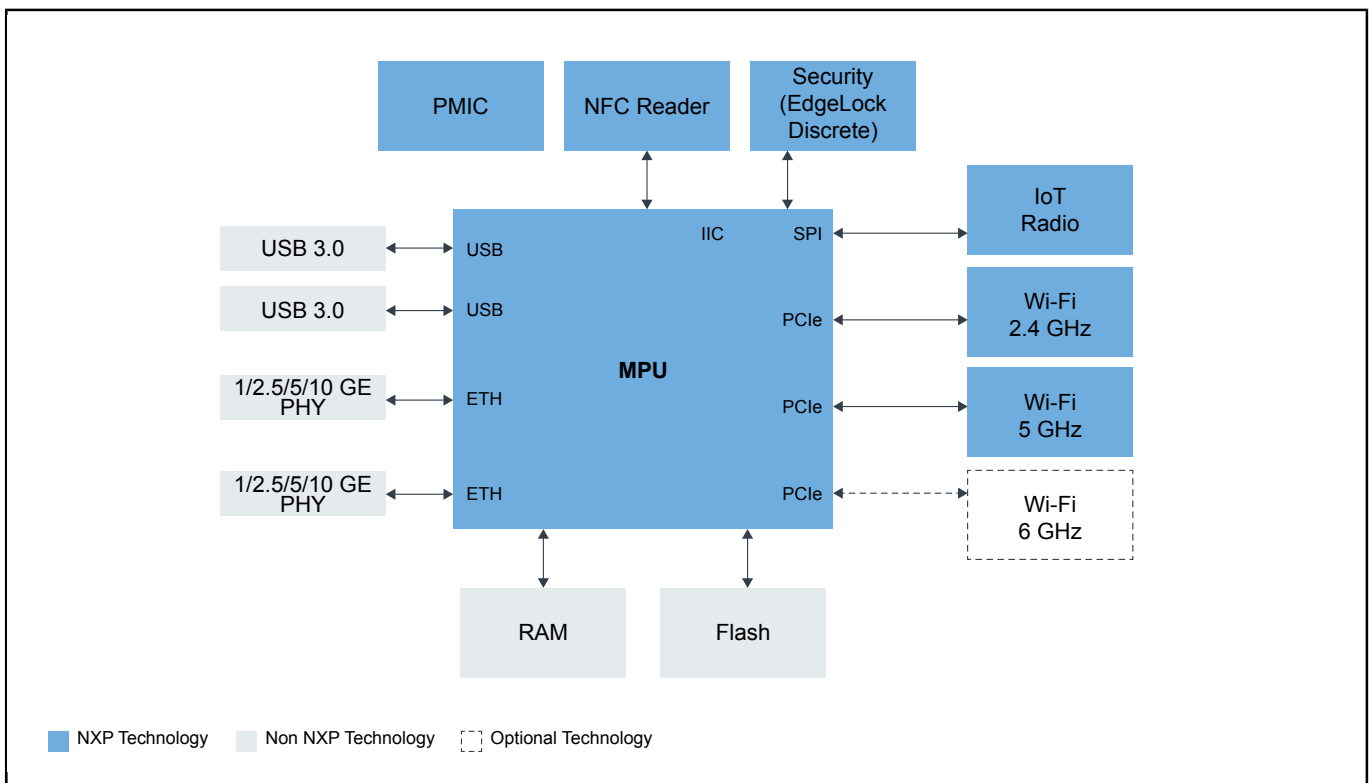# Enterprise Access Point

Last Updated: Jan 10, 2022

Carrier/Enterprise WLAN Access Points are used to deliver Wi-Fi services in enterprise and commercial environments. They also communicate with a central router or cloud controller, which manages the overall Wi-Fi system for the site.

NXP can offer a complete system solution, including the following key elements:

- Scalable Layerscape network processors
- Leading Wi-Fi access chipsets
- IoT connectivity solutions
- Production-grade OpenWRT-based software platforms

WLAN Block Diagram

Recommended Products for WLAN	
MPU	• LS1043A: Layerscape® 1043A and 1023A Processors • LS1046A: Layerscape® 1046A and 1026A Processors • LS1021A: Layerscape® 1021A Dual-Core Processor with LCD Controller
Wi-Fi 2.4GHz	• 88W9098: 2.4/5 GHzデュアルバンド2x2 Wi-Fi® 6 (802.11ax) + Bluetooth® 5.3 • 88W8997: 2.4/5 GHzデュアルバンド2x2 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.3ソリューション
Wi-Fi 5GHz	• 88W8997: 2.4/5 GHzデュアルバンド2x2 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.3ソリューション • 88W9064: 2.4/5 GHz Dual-Band 4x4 Wi-Fi® 6 (802.11ax) Access Solution
IOT Radio	• K32W061_41: K32W061/41: High-Performance, Secure and Ultra-Low-Power MCU for Zigbee®,Thread™, and Bluetooth® LE 5.0 with Built-In NFC Option • JN5189_88_T: JN5189/88 (T): High-Performance and Ultra-Low-Power MCUs for Zigbee® and Thread with Built-In NFC Option
PMIC	• PF8100-PF8200: 12-Channel Power Management Integrated Circuit (PMIC) for High-Performance Processing Applications • MC34VR500: Multi-Output DC/DC Regulator
NFC Reader	• PN7160: 統合型ファームウェアおよびNCIインターフェース搭載NFC Plug and Playコントローラ
Security (EdgeLock Discrete)	• SE050: EdgeLock® SE050：Plug & Trustセキュア・エレメント・ファミリー 柔軟性に優れた、IoT向けの高度なセキュリティ • SE051: EdgeLock® SE051：更新機能とカスタム・アプレットのサポートを備えた実証済みで使いやすいIoTセキュリティ・ソリューション • EDGELOCK-A5000: EdgeLock® A5000 Plug and Trust Secure Authenticator: Authentication Made Secure, Scalable and Easy

View our complete solution for Enterprise Access Point.

Note: The information on this document is subject to change without notice.