



Enterprise Access Point

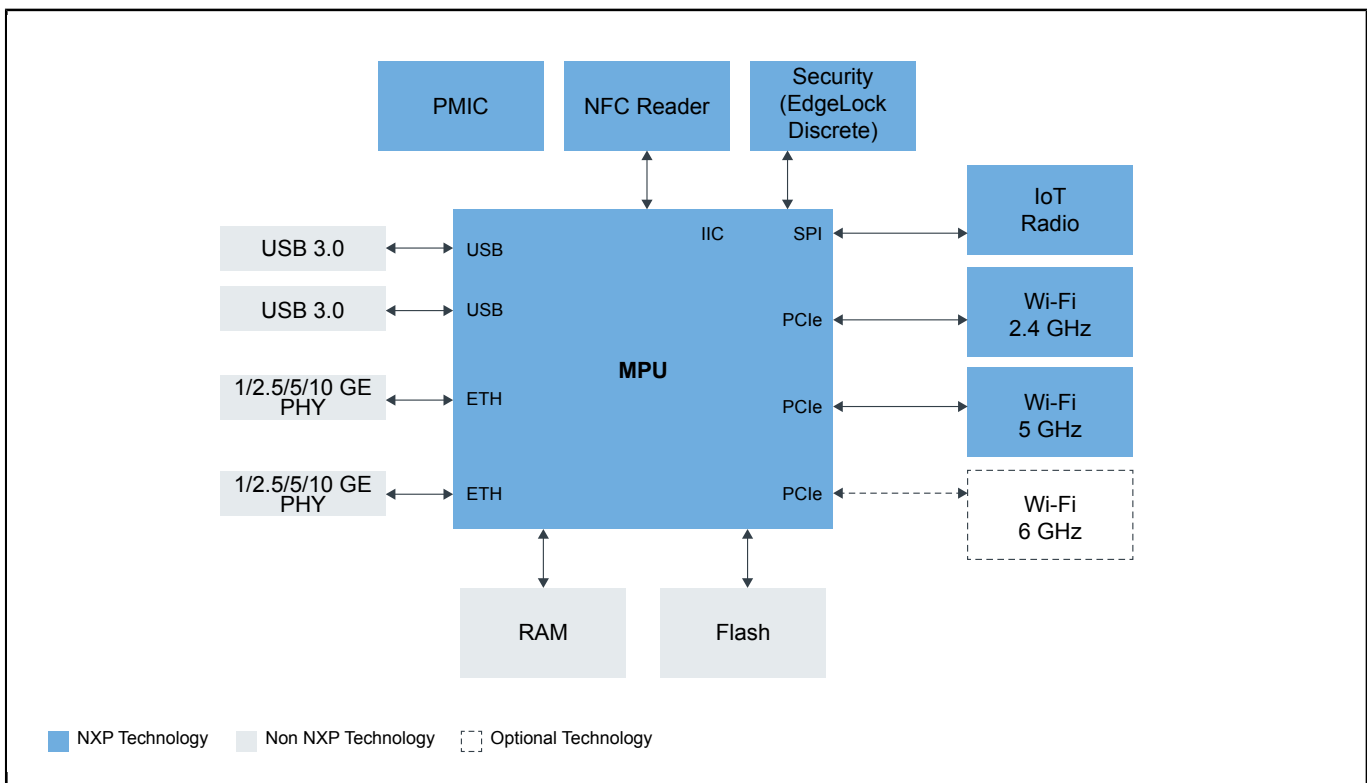
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Carrier/Enterprise WLAN Access Points are used to deliver Wi-Fi services in enterprise and commercial environments. They also communicate with a central router or cloud controller, which manages the overall Wi-Fi system for the site.

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	<ul style="list-style-type: none"> • Layerscape® 1043A and 1023A Processors • Layerscape® 1046A and 1026A Processors • Layerscape® 1021A Dual-Core Processor with LCD Controller
Wi-Fi 2.4GHz	<ul style="list-style-type: none"> • 88W9064: 2.4/5 GHz Dual-Band 4x4 Wi-Fi® 6 (802.11ax) Access Solution • 88W8997: 2.4/5 GHz Dual-Band 2x2 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.3 Solution
Wi-Fi 5GHz	<ul style="list-style-type: none"> • 88W8997: 2.4/5 GHz Dual-Band 2x2 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.3 Solution • 88W9064: 2.4/5 GHz Dual-Band 4x4 Wi-Fi® 6 (802.11ax) Access Solution
IOT Radio	<ul style="list-style-type: none"> • 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): High-Performance and Ultra-Low-Power MCUs for Zigbee® and Thread with Built-In NFC Option
PMIC	<ul style="list-style-type: none"> • PF8100-PF8200: 12-Channel Power Management Integrated Circuit (PMIC) for High-Performance Processing Applications • MC34VR500: Multi-Output DC/DC Regulator
NFC Reader	<ul style="list-style-type: none"> • PN7160: NFC Plug and Play Controller with Integrated Firmware and NCI Interface
Security (EdgeLock Discrete)	<ul style="list-style-type: none"> • EdgeLock® SE050: Plug & Trust Secure Element Family – Enhanced IoT security with high flexibility • EdgeLock® SE051: Proven, Easy-to-Use IoT Security Solution with Support for Updatability and Custom Applets • EdgeLock® A5000 Plug & Trust Secure Authenticator: Authentication Made Secure, Scalable and Easy

View our complete solution for [Enterprise Access Point](#).

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