



# Enterprise Access Point

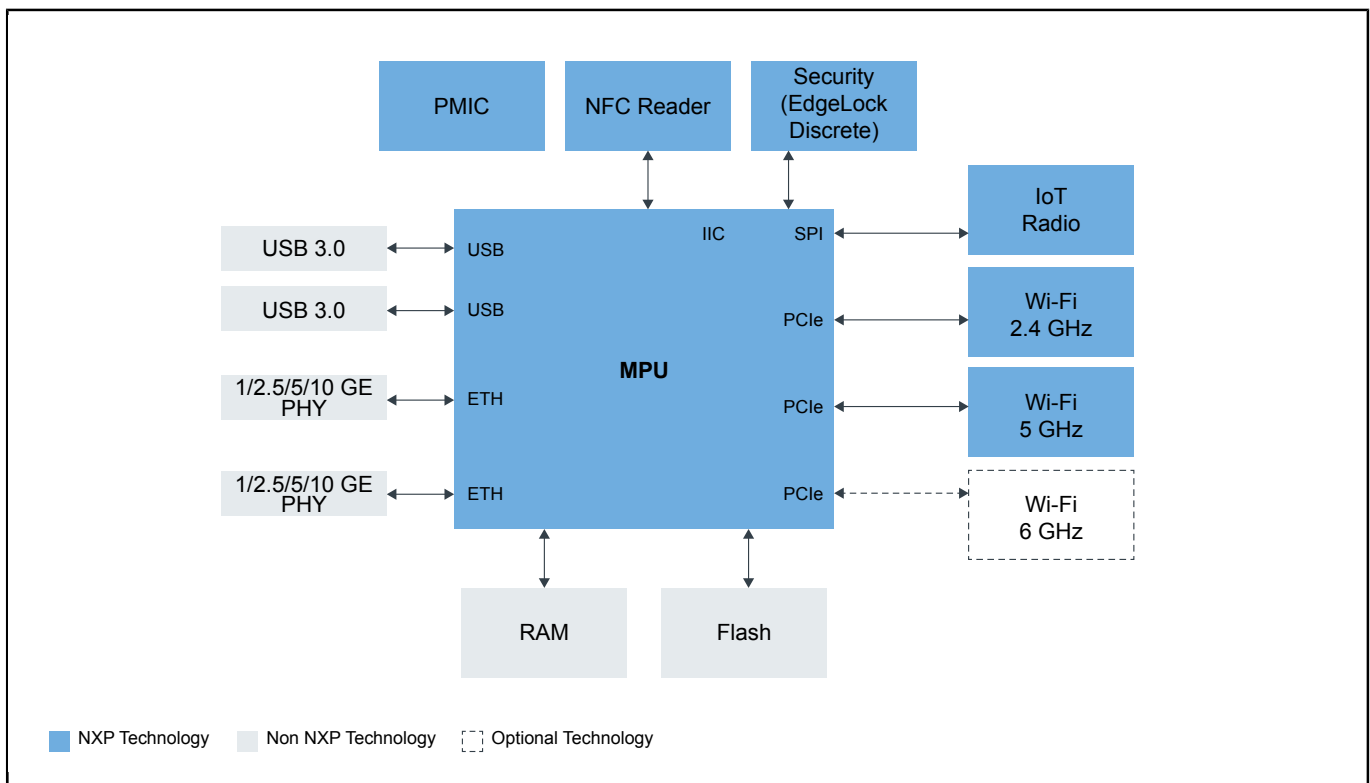
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Carrier/Enterprise WLAN Access Points are used to deliver Wi-Fi services in enterprise and commercial environments. They also communicate with a central router or cloud controller, which manages the overall Wi-Fi system for the site.

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"> <li>• <a href="#">Layerscape® 1043A and 1023A Processors</a></li> <li>• <a href="#">Layerscape® 1046A and 1026A Processors</a></li> <li>• <a href="#">Layerscape® 1021A Dual-Core Processor with LCD Controller</a></li> </ul>
Wi-Fi 2.4GHz	<ul style="list-style-type: none"> <li>• <a href="#">88W9064</a>: 2.4/5 GHz Dual-Band 4x4 Wi-Fi® 6 (802.11ax) Access Solution</li> <li>• <a href="#">88W8997</a>: 2.4/5 GHz Dual-Band 2x2 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.3 Solution</li> </ul>
Wi-Fi 5GHz	<ul style="list-style-type: none"> <li>• <a href="#">88W8997</a>: 2.4/5 GHz Dual-Band 2x2 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.3 Solution</li> <li>• <a href="#">88W9064</a>: 2.4/5 GHz Dual-Band 4x4 Wi-Fi® 6 (802.11ax) Access Solution</li> </ul>
IOT Radio	<ul style="list-style-type: none"> <li>• <a href="#">K32W061/41</a>: High-Performance, Secure and Ultra-Low-Power MCU for Zigbee®, Thread™, and Bluetooth® LE 5.0 with Built-In NFC Option</li> <li>• <a href="#">JN5189/88 (T)</a>: High-Performance and Ultra-Low-Power MCUs for Zigbee® and Thread with Built-In NFC Option</li> </ul>
PMIC	<ul style="list-style-type: none"> <li>• <a href="#">PF8100-PF8200</a>: 12-Channel Power Management Integrated Circuit (PMIC) for High-Performance Processing Applications</li> <li>• <a href="#">MC34VR500</a>: Multi-Output DC/DC Regulator</li> </ul>
NFC Reader	<ul style="list-style-type: none"> <li>• <a href="#">PN7160</a>: NFC Plug and Play Controller with Integrated Firmware and NCI Interface</li> </ul>
Security (EdgeLock Discrete)	<ul style="list-style-type: none"> <li>• <a href="#">EdgeLock® SE050</a>: Plug and Trust Secure Element Family – Enhanced IoT security with high flexibility</li> <li>• <a href="#">EdgeLock® SE051</a>: Proven, Easy-to-Use IoT Security Solution with Support for Updatability and Custom Applets</li> <li>• <a href="#">EdgeLock® A5000</a> Plug and Trust Secure Authenticator: Authentication Made Secure, Scalable and Easy</li> </ul>

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

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

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