

# Feature Comparison

*EDK (standard edition) and EDK+ (professional edition)*

Feature	EDK	EDK+
<b>Full Integrated Development Environment (IDE)</b> WITH SYNTAX HIGHLIGHTING EDITOR, WiFi-BASIC LANGUAGE COMPILER, WIRED OR WIRELESS DEBUGGER, PROJECT MANAGER – BASED ON ECLIPSE® FRAMEWORK.	✓	✓
<b>Program Configuration Panel</b> A GRAPHICAL INTERFACE, IN THE IDE, USED TO CONFIGURE WIRELESS AND DEVICE INTERFACE SETTINGS AUTOMATICALLY.	✓	✓
<b>Supports the WL11 and WL10 Modules</b> FULL FUNCTIONALITY OF BOTH MODULES IS SUPPORTED.	✓	✓
<b>Supports all Device Interfaces</b> FULLY SUPPORTS ALL EXTERNAL INTERFACES OF THE WL11 OR WL10 MODULES.	✓	✓
<b>Low-Power Sleep Mode</b> THE ABILITY TO PUT THE MODULE INTO AN ULTRA LOW-POWER CONSERVATION MODE, EXTENDING BATTERY LIFE FOR YEARS!	✓	✓
<b>Extended Low-Power Operating Modes</b> THE ABILITY TO CONTROL THE RADIO STATE - RECEIVER ON/OFF, TRANSMITTER ON/OFF		✓
<b>Ability to Connect to Multiple Predefined Networks</b> USE THE PROGRAM CONFIGURATION PANEL TO PREDEFINE PRIMARY AND FALL-BACK WIRELESS NETWORKS IN ADDITION TO THE PROVISIONING NETWORK.	✓	✓
<b>Ability to Create Ad Hoc Networks</b> USE THE PROGRAM CONFIGURATION PANEL TO DEFINE AD HOC NETWORK PARAMETERS FOR CREATING OR JOINING AD HOC NETWORKS.	✓	✓
<b>Ability to Programmatically Change Network Parameters</b> CHANGE SSID, NETWORK CHANNELS, AD HOC NETWORK PARAMETERS AND PERFORM NETWORK SCANS.		✓
<b>Supports TCP and UDP Data Protocols</b> FULLY INTEGRATED TCP/IP PROTOCOL STACK, DEFINE YOUR OWN DATA PACKET FORMATS THAT USE STANDARD INTERNET TRANSMISSION PROTOCOLS.	✓	✓
<b>SRAM Storage</b> UP TO 32-BYTES OF NON-VOLATILE READ/WRITE MEMORY FOR PROGRAM AND/OR PARAMETER STORAGE ACROSS SLEEP PERIODS.	✓	✓
<b>FLASH Memory Storage</b> UP TO 256-BYTES OF NON-VOLATILE FLASH MEMORY AVAILABLE FOR PROGRAM / PARAMETER STORAGE - DATA STORAGE THROUGH TOTAL POWER DOWN!		✓
<b>Extended Code Storage</b> ADDITIONAL PROGRAM MEMORY FOR MORE COMPLEX AND/OR LARGER PROGRAMS.		✓
<b>Data Encryption</b> COMING SOON - AES ENCRYPTION KEYWORK FOR DATA PROTECTION.		✓
<b>iPhone and Android Frameworks</b> COMING SOON - CODE FRAMEWORKS FOR CREATING APPLICATIONS THAT INTERACT WITH IPHONE AND ANDROID SMARTPHONES.		✓
<b>Three months of online support</b> SUPPORT PROVIDED THROUGH THE 4-HOUR SUPPORT FORUM AT NPE-INC.COM.	✓	✓
<b>Additional three months of online support (total six months)</b> SUPPORT PROVIDED THROUGH THE 4-HOUR SUPPORT FORUM AT NPE-INC.COM		✓