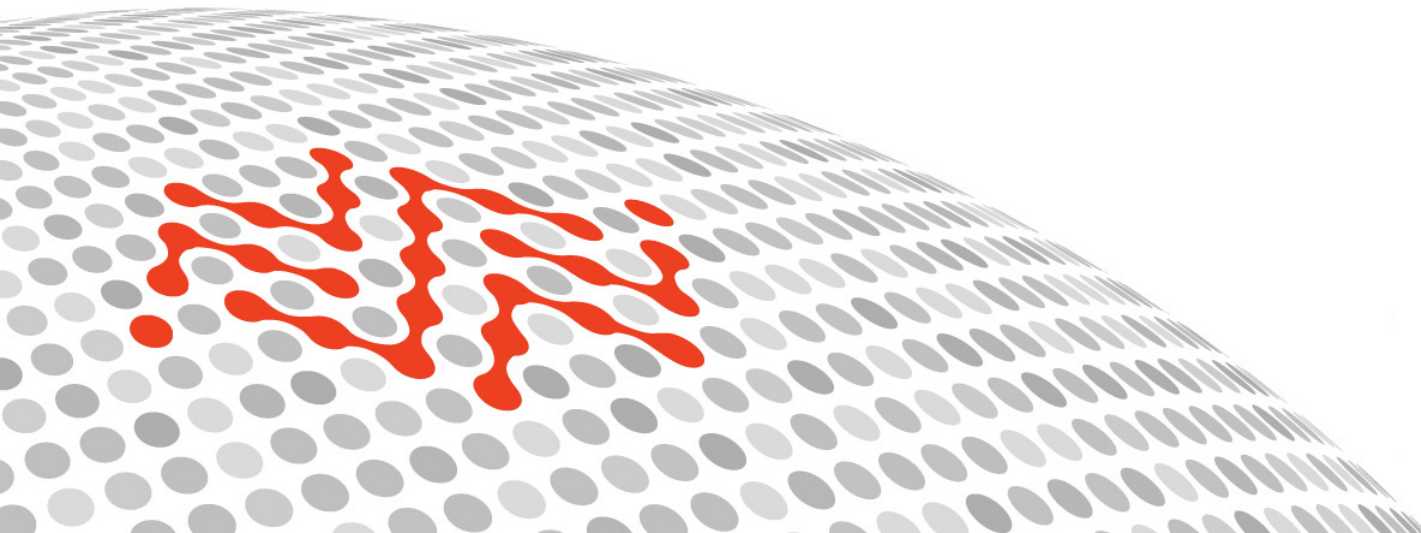
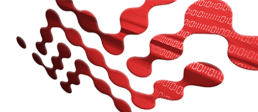


Sierra Wireless AirPrime® Module Portfolio

Thierry Uguen, Director, Product Line Management



AirPrime Embedded Modules



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SMART

Make Complex Simple with Smart Modules



An entire M2M ecosystem on a module, including processing capabilities, a complete software development environment and cloud-based services

ESSENTIAL

Easy Integration, Proven Reliability



Reliable M2M connectivity features in standard and compact form factors including essential cloud-based services

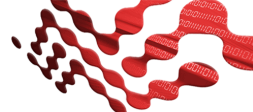
**Faster
Time-to-Market**

**Lower
Development Costs**

**Lower
Total Product Costs**

Product Portfolio Overview

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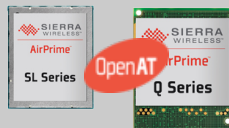
2G

3G

4G

Smart

SL6xxx/
Q268x



SL8xxx/
Q2698



AR/
WP7xxx



AR/
WP7xxx

HL7xxx



MC/
EM7xxx



Essential

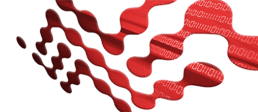
HL6xxx



HL8xxx

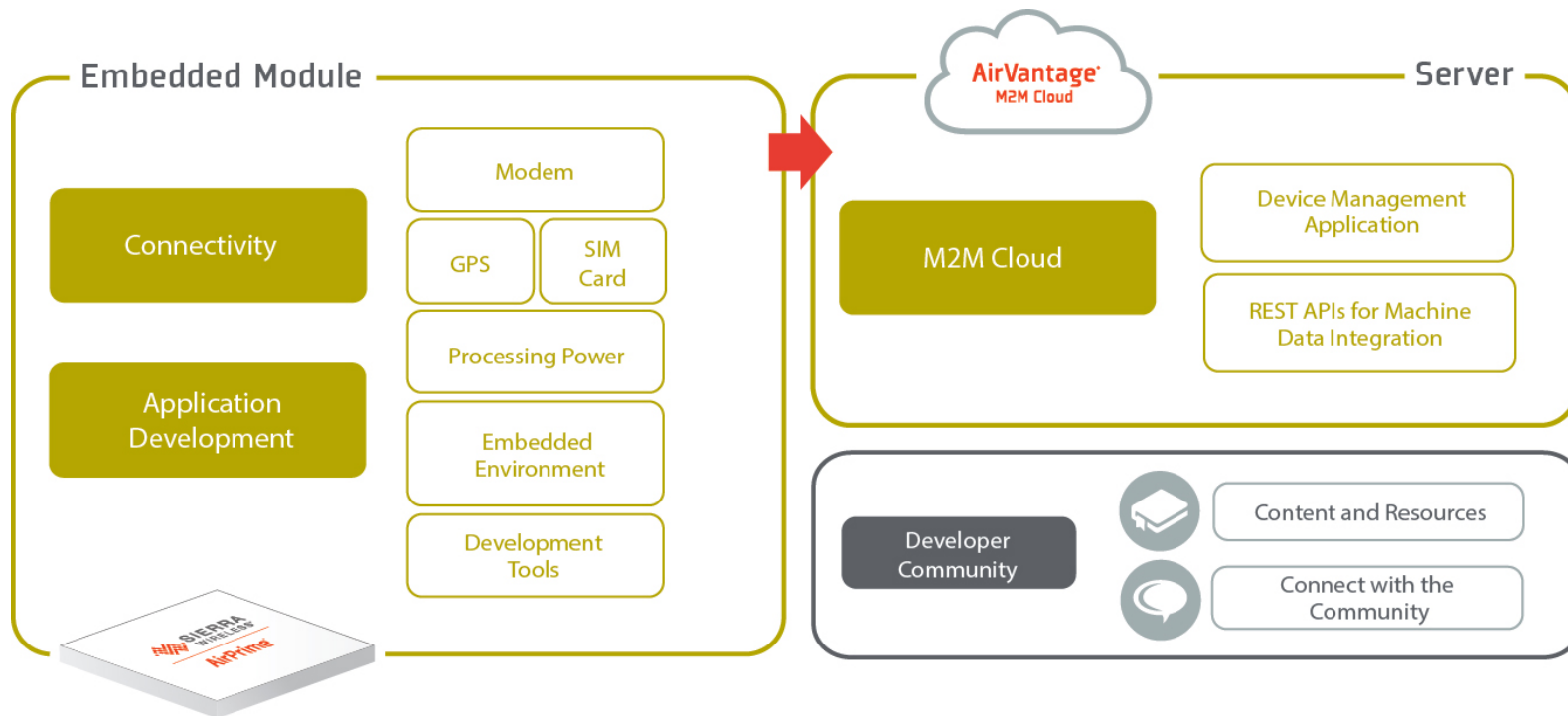


Smart Modules: Building Blocks

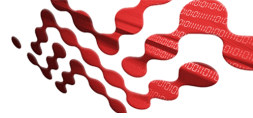


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Intelligent modules with building blocks for embedded processing power and application development, as well as cloud-based device management and machine information.



Smart Modules: Application Development

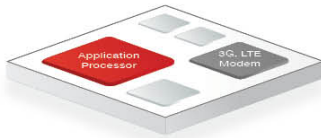


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Designed specifically for M2M, Sierra Wireless embedded software and tools simplify the development of connected applications.



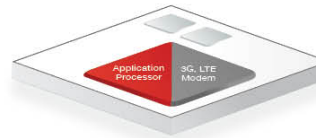
- Open source embedded platform built on Linux to future-proof software investments and simplify M2M application development
- Non-proprietary software investment to be adopted by a global OS community
- Fully integrated and validated for AirPrime AR & WP Series, allowing dedicated application processing



- Application framework
- Development environment
- Linux distribution

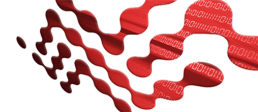


- Embedded application framework to simplify application development in standard C/C++
- Well-established active M2M developer community
- Used for more than 10 years and natively supported by AirPrime SL & Q Series



- Operating System
- Libraries
- Comes with Developer Studio

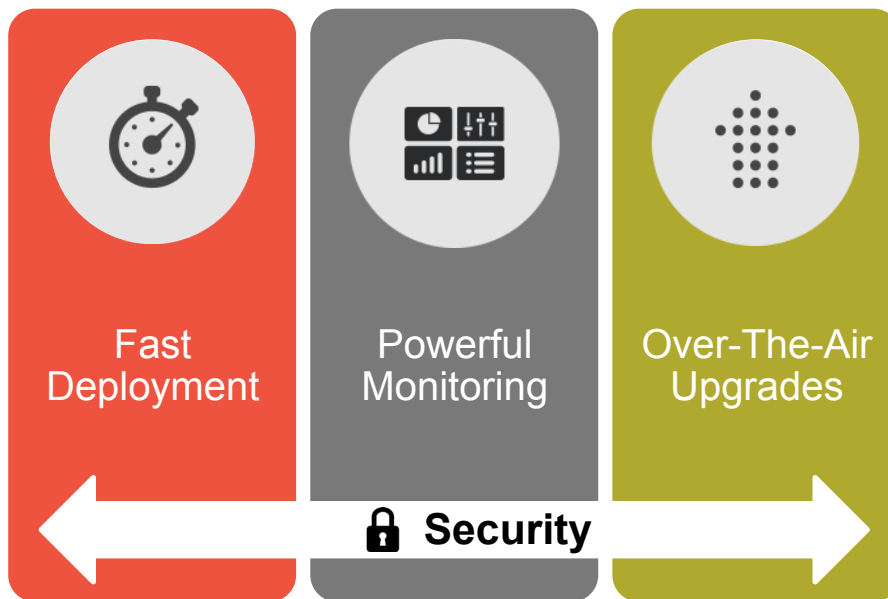
Simplify Operations



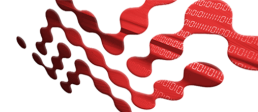
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AirVantage[®]
Management Service

AirVantage Management Service is a **secure cloud-based device management application** that makes it **easy** to **deploy, monitor, and upgrade** any number of wireless devices remotely.



AirPrime SL Series



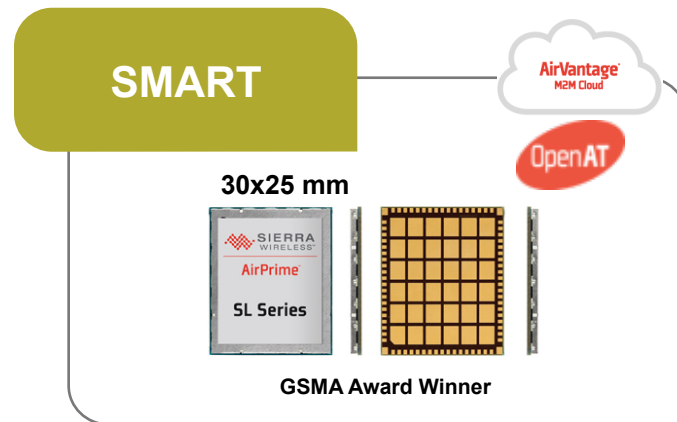
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Future-Proof Your Devices with LGA

Key Benefits:

- Footprint compatible. Easy upgrade path between global 2G and 3G markets. Scale easily from one device to millions.
- Lower deployment time and costs: LGA form factor allows high-volume automated production
- Simplify M2M deployment and operations with application framework, development tools and pre-integrated secure cloud services

Model	Air Interface
SL6087	EDGE
SL808x	HSDPA
SL809x	HSPA+
SL3010T	CDMA 1x
SL5011	EV-DO
SL9090	HSPA+/EV-DO



SL Series:

Processing: ARM9 or ARM11

Application Framework: Open AT (C/C++)

Device-to-cloud: AirVantage M2M Cloud

SIM: Embedded

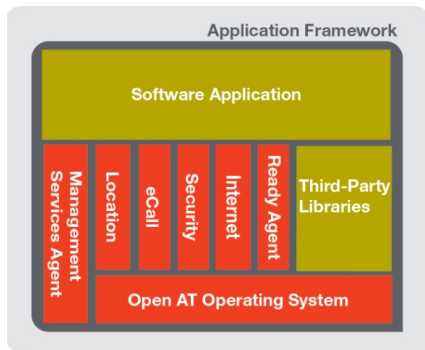
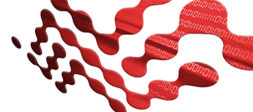
Air Interfaces: 2G (EDGE, CDMA 1x), 3G (HSPA+, HSDPA, EV-DO)

Package: LGA -74pins

Interfaces: USB, UARTs, Audio, ADC and more

Application Framework Pillars

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- **Open AT OS**

- The world's only operating system designed specifically for M2M to embed applications written in standard ANSI C/C++ onto the wireless module

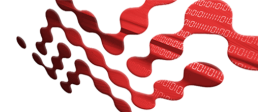
- **Open AT Libraries**

- A wide choice of libraries such as Internet, Location, Security, AirVantage Ready Agent and third-party libraries

- **Developer Studio**

- Comprehensive and easy-to-use development tool based on Eclipse™

AirPrime WP Series



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Next-Generation Modules Optimized for Industrial M2M

Key Benefits:

- Simplify system design with dedicated application processing from powerful multicore architecture
- Simplify application development with open source embedded platform
- Simplify device management and deliver machine data information with pre-integrated cloud services
- Scale easily to millions of devices. From 3G to 4G.

Model	Air Interface
WP710x	LTE
WP810x*	HSPA+

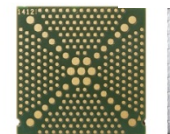
**In planning*



SMART

AirVantage
M2M Cloud

Legato™



Processing and connectivity in a single device optimized for industrial M2M

WP Series:

Processing: Multicore processor

Embedded environment : Legato Platform (Linux-based)

Device-to-cloud: AirVantage M2M Cloud

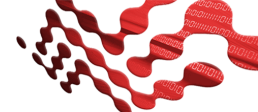
Air Interfaces: 3G (HSPA+)/ 4G (LTE)

SIM: Embedded

Package: LGA-295 pads

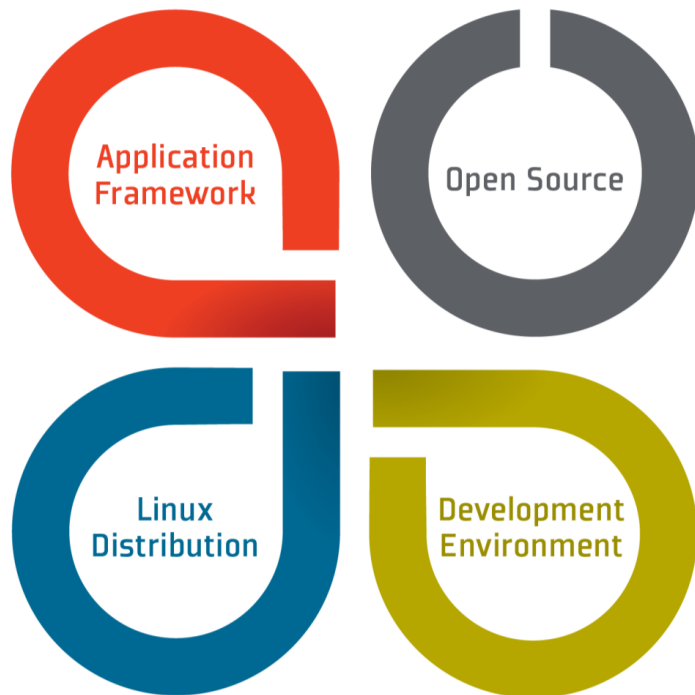
Interfaces: USB, UARTs, Audio, SDIO, ADC, SPI, I2C & more

Open Source Embedded Platform Built on Linux



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Designed to **simplify** embedded M2M development



Ready-to-run

Integrated, tested, validated

Ready-to-build

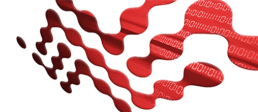
Open source, flexible foundation

Ready-to-connect

Any cloud, network, peripheral

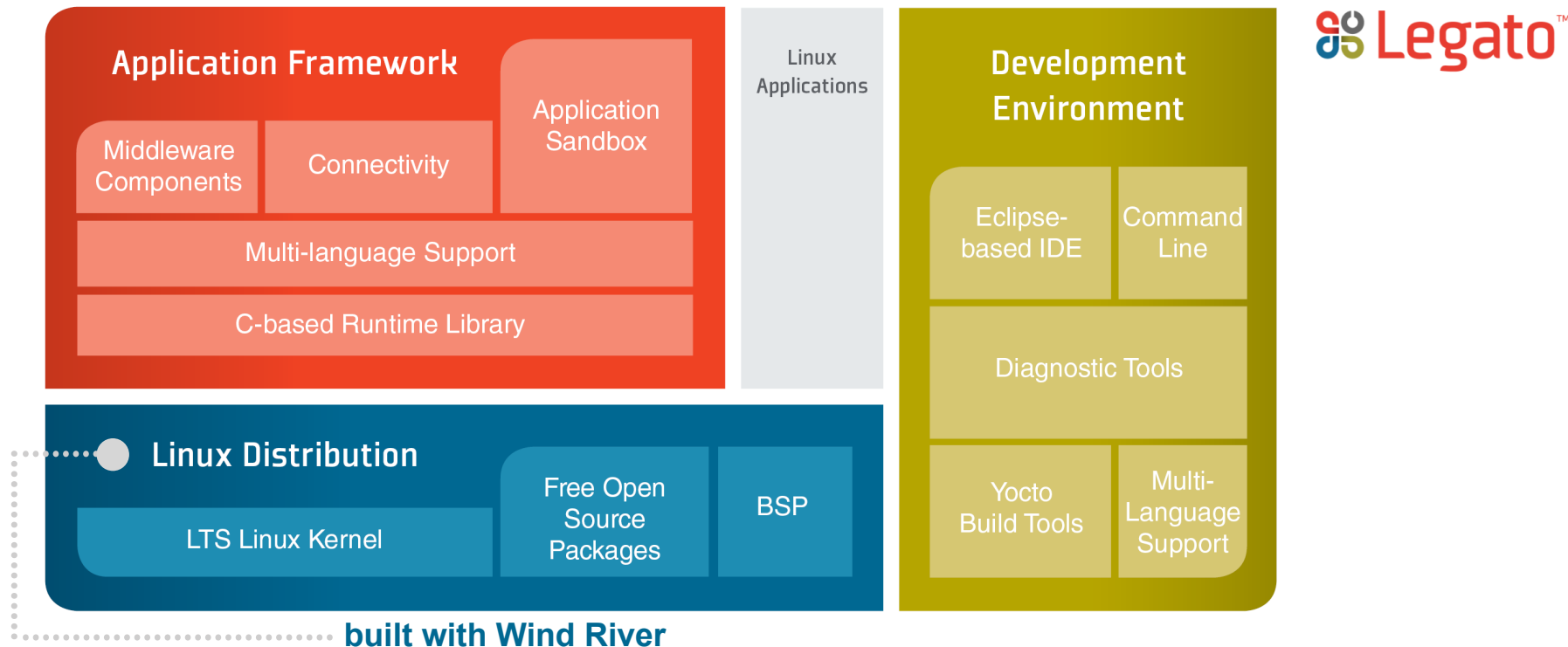


Components of the Legato Platform



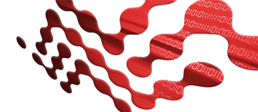
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Giving embedded M2M development a head start



 Legato™

AirPrime HL and WS Series:



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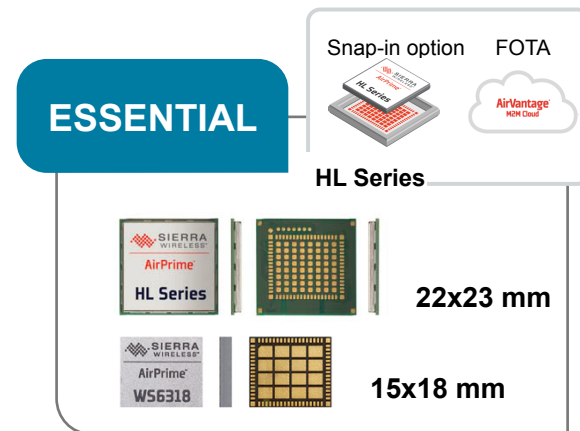
Ultra Compact Modules

Key Benefits:

- Small and easy to use
- Easy upgrade path from 2G to 4G*
- Reliable, essential M2M connectivity and proven firmware widely deployed worldwide

Model	Air Interface
HL6528	GSM/GPRS
HL8548	HSPA
WS6318	GSM/GPRS

*HL 4G version in development



HL Series / WS Series:

Air interfaces: 2G (GSM/GPRS), 3G (HSDPA/HSUPA), 4G LTE

Packages:

LGA solder-down design

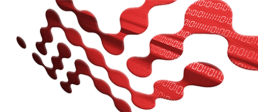
Snap-in socket option to change modules at any time

Device-to-cloud: Ready-to-use firmware upgrades

More features: Enhanced GNSS (GPS + GLONASS), Dual SIM/ dual standby technology for maximum network connectivity

Interfaces: USB, UARTs, Audio

AirPrime MC Series:



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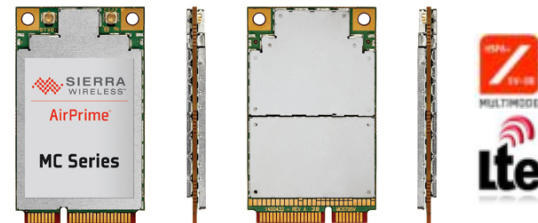
Standard PCI Express Mini Cards

Key Benefits:

- Easy to integrate: Standard miniPCI form factor with industrial specifications
- High-speed cellular connectivity with the latest technologies
- Easy upgrade path to new network technologies

Model	Air Interface
MC73xx	LTE/HSPA+/EV-DO LTE/HSPA+ LTE/EV-DO LTE
MC9090	HSPA+/EV-DO
MC8805	HSPA+
MC809x	HSPA+
MC870x	HSPA+
MC5728V	EV-DO

ESSENTIAL



4G LTE Market Leadership

MC Series:

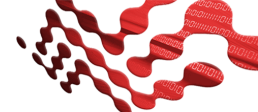
Air Interfaces: including 3G (HSPA+, EV-DO) and 4G (LTE)

Package: PCI Express MiniCard – 52 pins

Interface: USB, UARTs, Audio

Host OS : Windows Compact 7, CE 6.0, Mobile 6.5, Android RIL, Linux

AirPrime EM Series:



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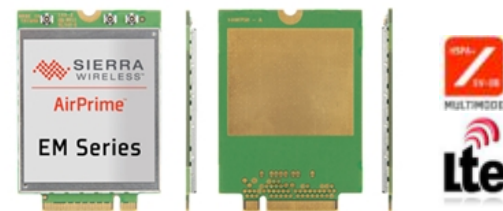
Standard PCI Express M.2 Modules

Key Benefits:

- Easy to integrate: Standard M.2 form factor
- Extremely thin, optimized for tablets and handhelds
- High-speed cellular connectivity with the latest technologies
- Easy upgrade path to new network technologies

Model	Air Interface
EM73xx	LTE/HSPA+/EV-DO LTE/HSPA+

ESSENTIAL



4G LTE Market Leadership

EM Series:

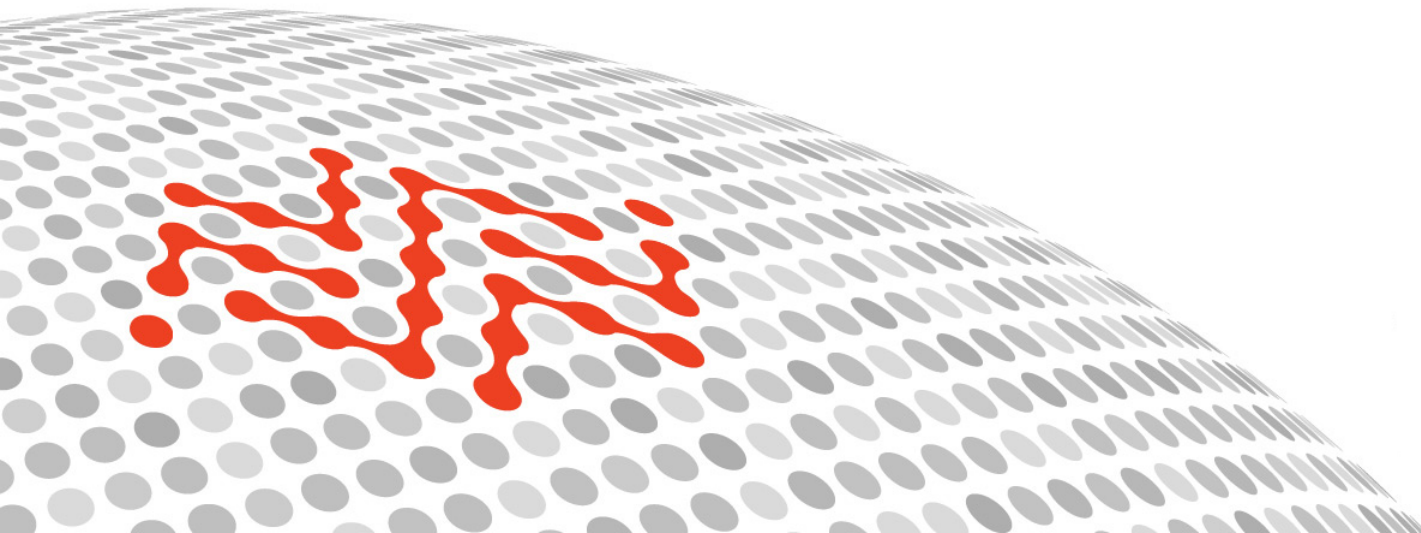
AirAir Interfaces: including 3G (HSPA+) 4G (LTE)

Package: PCI Express M.2 Type 3042

Interface: USB

Host OS : Windows 7/8.1, Android RIL, Linux

Thank You



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WIRELESS®