



# Fact Sheet

## Intel® XMM™ 7160 Multimode-Multiband 4G LTE Solution

The Intel® XMM™ 7160 provides the wireless ecosystem with a compelling, commercial solution for multimode, multiband 4G LTE connectivity. LTE is anticipated to become the first truly global wireless network standard. LTE improves the mobile data experience for consumers and provides carriers with additional capacity to meet the growing demand for data. LTE is on an impressive growth trajectory, with worldwide LTE subscriptions projected to exceed 1 billion by 2017.<sup>1</sup>

The growth of LTE subscriptions creates opportunity for the wireless ecosystem, but LTE also presents challenges for device manufacturers. Specifically, it is difficult for manufacturers to achieve global economies of scale with hundreds of existing LTE networks operating on a multitude of different frequency bands. Band fragmentation increases cost and complexity for OEMs, requiring them to create multiple, market-specific versions of devices or to integrate more radio frequency (RF) components. Also, until now, manufacturers have had little choice when sourcing LTE chipsets. That is changing with the introduction of Intel's XMM 7160 LTE solution.

The Intel XMM 7160 is the one of the world's smallest and lowest-power LTE slim modem that delivers:

- **Global mobility:** A single SKU supports up to 15 LTE bands, which makes it possible for OEMs to design one device for carriers worldwide. Its powerful, flexible RF architecture enables roaming solutions for a global market impact.
- **High quality, low-power connectivity and voice calling:** Multimode data provides seamless connectivity across 2G, 3G and 4G LTE networks. Intel's advanced Multi-Com architecture integrates cellular and connectivity radios on a single platform, solving the interference challenge. Integrated envelope tracking and antenna tuning minimizes power consumption delivering longer battery life. The XMM 7160 also paves the way for power-efficient voice calling over LTE (VoLTE).
- **Small footprint:** Reduced printed circuit board (PCB) sizes enable attractive device form factors. For wireless carriers, the XMM 7160's tunable antenna improves performance, and support for new LTE network protocols enables enhanced network configurations.

The Intel XMM 7160 will connect cutting-edge mobile devices to fast LTE networks this year. Intel has a comprehensive portfolio of wireless products, world-class RF capabilities as well as many years' experience developing leading-edge wireless solutions. More information is available on [our website](#).

## About Intel

Intel (NASDAQ: INTC) is a world leader in computing innovation. The company designs and builds the essential technologies that serve as the foundation for the world's computing devices. Additional information about Intel is available at [newsroom.intel.com](http://newsroom.intel.com) and [blogs.intel.com](http://blogs.intel.com).

-30-

<sup>1</sup>GSMA Wireless Intelligence, 2013

Intel, Atom and the Intel logo are trademarks of Intel Corporation in the United States and other countries.

\*Other names and brands may be claimed as the property of others.

CONTACT: Cara Walker  
503-696-0831  
[cara.walker@intel.com](mailto:cara.walker@intel.com)