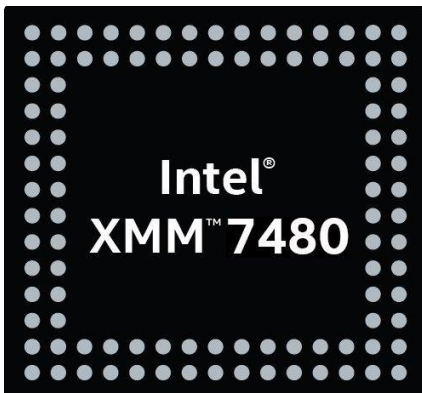


Intel® XMM™ 7480 modem

LTE Advanced modem for smartphones, tablets,
PC platforms and M2M applications



Single-SKU Global Coverage. High Performance. Power Efficiency

The Intel® XMM™ 7480 modem is the company's fourth-generation LTE modem, providing the mobile ecosystem with a highly integrated solution for the next wave of LTE-Advanced services and devices. The Intel XMM 7480 modem delivers the exciting user experience of high-speed LTE-Advanced feature set for high-quality voice calls, video streaming, multi-player gaming, virtual reality applications and more.

Intel's innovative SMARTi™ 6T transceiver provides support for the highest number of bands in a single SKU, enabling customers to build mobile devices with global coverage.

As one of the industry's first LTE modems supporting 4x carrier aggregation (4CA), the XMM 7480 modem helps OEMs and operators mitigate the challenge of spectrum fragmentation in world markets. It also enables combined FDD/TDD carrier aggregation without limitations on band combinations. This feature enables mobile operators to optimize use of their mixed FDD and TDD spectrum assets.

The Intel XMM 7480 modem gives the wireless ecosystem a flexible, high-performance solution for delivering exciting connected computing experiences to users and their devices.

Product Features



Designed for Worldwide Mobility

- Industry-leading band density with support for more than 33 LTE bands simultaneously
- Global coverage with a single design SKU
- 5-mode operation for global market, including LTE-FDD, LTE-TDD, TD-SCDMA, and legacy 2G and 3G



Leading-edge Performance and Data Quality

- Blazing-fast LTE Advanced speeds up to 600 Mbps download and 150 Mbps upload
- 4x Carrier Aggregation
- 256QAM downlink and 64QAM uplink modulation schemes for better spectrum efficiency and higher data rate



Optimized Power Consumption

- Up to 15% less power consumption versus Intel's previous generation LTE Advanced modem



Enhanced Features

- Release 12 Enhanced Voice Service (EVS) to improve voice call performance
- Supports 3.5GHz spectrum band to fulfill TDD ecosystem demand

Technical Specifications

Baseband	Intel® X-GOLD™ 748 baseband
Transceiver	Intel® SMARTi™ 6T/6Tc RF transceiver
Standards & Performance	3GPP Release 12 LTE FDD/TDD 600 /150 Mbps TD-SCDMA 2.8/2.2 Mbps DC-HSPA+ Cat 24, 42Mbps
Carrier Aggregation	LTE FDD/TDD DL 4CA, Joint FDD/TDD CA
Modulation	LTE UL-64QAM; DL-256QAM
RF Bands	More than 33 LTE bands simultaneous; 3.5GHz

For more information on Intel® Wireless products, visit:

<http://www.intel.com/modems>



Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at www.intel.com/modems.

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