



Air Interface: 4G LTE Cat-7 with 3G fallback  
Region: NAM  
Carrier: T-Mobile  
Planned Carrier: AT&T, Verizon

# AirPrime® MC7411 Industrial-grade IoT Module

Optimized 4G LTE connectivity offering 150 Mbps uplink speed and unprecedented support for LTE bands in North America

The MC7411 wireless module is part of the MC Series delivering high speed connectivity and a wide selection of advanced air interfaces, including LTE Advanced with carrier aggregation.

This LTE-A Cat-7 embedded module delivers 150 Mbps uplink speed, supports private LTE bands and enables secure and reliable public safety communications on the FirstNet Band 14. Based on the PCI Express Mini Card standard with USB 3.0 and USB 2.0 interfaces, the MC7411 module offers an easy upgrade path to new network technologies and global access to high speed networks.

MC7411 is ideal for public safety, industrial M2M, and mobile computing solutions.

## Technical Specifications

### 4G LTE

Category Cat-7

Frequency Bands B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B42, B43, B48, B66, B71

### 3G

HSPA+ B2, B4, B5

### DATA SPEED

Peak Download Rate 300 Mbps

Peak Upload Rate 150 Mbps

### LOCATION SERVICES

Satellite Systems Galileo, Glonass, GPS, BeiDou

### EMBEDDED SOFTWARE

Firmware Secure boot, Pre-certified firmware

System Drivers Windows® 8, Windows® 8.1, Windows® 10, Linux, Android RIL

### INTERFACES

USB USB 3.0, USB 2.0 High Speed

SIM interface 1.8V/3V 2

### HARDWARE

Dimensions 51x30x2.7mm

Antenna Diversity, MIMO, GNSS Bias, Connectors: Main, Aux/GNSS, GNSS

Temperature Range -30°C / +70°C, -40°C / +85°C

### APPROVALS

Carrier T-Mobile

Planned Carrier AT&T, Verizon

Regulatory FCC, GCF, IC, PTCRB