



999.00 EUR

incl. 19% VAT, plus shipping

- **Full-size Mini-PCle !**
- **UMTS / 3G !**
- **4G / LTE !**
- **Rev. B !**



**Support:**  [Datasheet](#) | [Windows\\_7\\_8\\_10 Driver](#) | [Android\\_Linux Driver](#) |  [Product Specification](#)

### AirPrime MC7455 M2M Module

Optimized 4G LTE Cat-6 IoT connectivity with 3G fallback for the EMEA. The MC7455 module is part of the MC Series offering unprecedented LTE speeds, bandwidth, and network performance on the PCI Express Mini Card form factor commonly used in networking equipment.

This LTE-Advanced Cat-6 embedded module delivers up to 300 Mbps download speed and supports most 4G LTE bands in Europe. With automatic fallback to 3G networks and integrated GNSS receiver (GPS, GLONASS, Beidou, and Galileo satellite systems supported), the MC7455 is ideal for networking and telematics applications.

- Dual SIM single standby (DSSS) switches between networks quickly to stay connected
- Switch networks anytime with up to three different certified firmware variants on board
- FREE unlimited firmware over-the-air (FOTA) upgrades future-proof deployments and keep them secure
- Securely collect data and remotely manage your IoT deployments with integrated **AirVantage®** cloud services
- GNSS receiver enables tracking and location-based services
- Embedded stack to easily communicate over the internet
- Basic and Extended AT Commands simplify development
- Tested for harsh environments and extreme temperatures

## 4G LTE

Category

Cat-6

Frequency Bands

B1, B2, B3, B4, B5, B7, B8, B12, B13,  
B20, B25, B26, B29, B30, B41

## 3G

WCDMA

B1, B2, B3, B4, B5, B8

## DATA SPEED

Peak Download Rate

300Mbps

Peak Upload Rate

50Mbps

## LOCATION SERVICES

Satellite Systems

Galileo, Glonass, GPS, Beidou

## EMBEDDED SOFTWARE

Firmware

Secure boot, Pre-certified firmware

System Drivers

Windows® 7, Windows® 8, Windows® 8.1,  
Windows® 10,  
Linux Driver: Standard ECM, Android RIL

## INTERFACES

Socket format

MiniPCle

USB

USB 3.0, USB 2.0 High Speed

GPIO

4

SIM interface 1.8V/3V

1

## CONTROL OPTIONS

Commands

APIs, AT Commands

## HARDWARE

Dimensions

51x30x2.7mm

Antenna

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

Temperature Range

Industrial Grade: -40°C / + 85°C

## APPROVALS

Carrier

AT&T, Bell, Rogers, SouthernLINC, Sprint, T-  
Mobile, Telus, Verizon, Vodafone, US Cellular

Planned Carrier

KDDI, Rogers

Regulatory

CE, FCC, GCF, IC, NCC, PTCRB

## CLOUD SERVICES

Free Unlimited FOTA upgrades, Connectivity Management option, Device Management option