999.00 EUR
incl. 19% VAT, plus shipping

- Full-size Mini-PCIe !
- 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	MiniPCIe
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