



89.95 EUR

incl. 19% VAT, plus [shipping](#)

- Firmware 1104355, Rev A
- Full-size Mini-PCle !
- UMTS / 3G !
- 4G / LTE !



#### 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     |