



189.95 EUR

incl. 19% VAT, plus shipping

- **M.2 !**
- **UMTS / 3G !**
- **4G / LTE !**

Support:  [Datasheet](#) | [Windows_7_8_10 Driver](#) | [Android_Linux Driver](#) |  [Product Specification](#)

AirPrime EM7565 LTE-Advanced Pro Module

The EM7565 module is part of the EM Series offering 4G coverage in Europe, unprecedented LTE speeds, bandwidth, and network performance on the M.2 form factor commonly used in networking equipment. This is the last 4G module you will need before 5G.

Leveraging LTE-LAA and CBRS unlicensed bands and carrier aggregation, this LTE-Advanced Pro Cat-12 embedded module delivers up to 600Mbps downlink speed and 150Mbps uplink speed, offering 4G coverage in Europe. With automatic fallback to 3G networks and integrated GNSS receiver (GPS, GLONASS, Beidou, and Galileo satellite systems supported), the EM7565 is ideal for mobile computing, networking, and industrial M2M applications.

Coupled with the most operator certifications in the industry and network switching capability, EM7565 allows you to change your provider anytime, providing more flexibility in manufacturing.

- 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
- Worldwide coverage on a single module with industry and mobile network certifications to get you to market faster
- Embedded SIM to simplify and add flexibility to IoT deployments
- 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

- Prevent unauthorized code on the target to keep your connectivity secure
- GNSS receiver enables tracking and location-based services
- Basic and Extended AT Commands simplify development
- Tested for harsh environments and extreme temperatures

4G LTE

Category

Cat-12

Frequency Bands

B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20

B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66

3G

HSPA+

B1, B2, B4, B5, B6, B8, B9, B19

DATA SPEED

Peak Download Rate

600Mbps

Peak Upload Rate

150Mbps

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 Driver: Standard ECM, Android RIL

INTERFACES

Socket format

M.2

USB

USB 3.0, USB 2.0 High Speed

SIM interface 1.8V/3V

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CONTROL OPTIONS

Commands

APIs, AT Commands

HARDWARE

Dimensions

42x30x2.3mm

Antenna

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

Temperature Range

-30°C / +70°C, -40°C / +85°C

APPROVALS

Carrier

AT&T, docomo, Softbank, SouthernLINC, Sprint,
Telstra, Telus,
Verizon, US Cellular

Planned Carrier

KDDI, Rogers

Regulatory

CCC, CE, FCC, GCF, IC, JRF/JPA, NCC,
PTCRB

CLOUD SERVICES

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

CONNECTIVITY

Consumer eUICC