

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	1
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