



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

MC7421 Industrial-grade IoT Module

Optimized 4G LTE connectivity offering 150 Mbps uplink speed and unprecedented support for LTE bands in EMEA and Asia Pacific. The MC7421 IoT module is part of the MC Series delivering high speed connectivity and a wide selection of advanced air interfaces, including LTE Advanced with carrier aggregation.

This LTE-A Cat-7 embedded module delivers 150 Mbps uplink speed and offers support for private LTE bands, making it ideal for industrial M2M and mobile computing solutions. Based on the PCI Express Mini Card standard with USB 3.0 and USB 2.0 interfaces, the MC7421 module offers an easy upgrade path to new network technologies and global access to high speed networks.

- Private LTE bands are supported for enhanced data security and improved network performance
- Embedded SIM to simplify and add flexibility to IoT deployments
- GNSS receiver enables tracking and location-based services with dual L1 and L5 bands for increased accuracy
- Dual SIM single standby (DSSS) switches between networks quickly to stay connected
- FREE firmware over-the-air (FOTA) upgrades future-proof deployments and keep them secure
- Prevent unauthorized code on the target to keep your connectivity secure
- Tested for harsh environments and extreme temperatures

4G LTE	
Category	Cat-7
Frequency Bands	B1, B3, B7, B8, B20, B28, B32, B38, B40, B41, B42, B43
3G	
HSPA+	B1, B5, B8
DATA SPEED	
Peak Download Rate	300Mbps
Peak Upload Rate	150Mbps
LOCATION SERVICES	
Satellite Systems	Galileo, Glonass, GPS, BeiDou
EMBEDDED SOFTWARE	
System Drivers	Windows® 8, Windows® 8.1, Windows® 10, Linux, Android RIL
INTERFACES	
USB	USB 3.0, USB 2.0 High Speed
SIM interface 1.8V/3V	2
HARDWARE	
Dimensions	51x30x3.6mm
Temperature Range	-30°C / +70°C, -40°C / +85°C
Antenna	Diversity, MIMO, GNSS Bias,
APPROVALS	
Carrier	Telstra
Regulatory	GCF, NCC,