

M700

The first LTE platform on the market

M700 is the first LTE platform on the market meeting the increasing demand for mobile broadband services. With high data speed and reduced latency, the M700 platform is the perfect solution for next generation notebook connectivity. The platform targets a wide range of devices such as USB dongles, PC-cards, built-in modems, Smartphones and MIDs.

Single mode LTE can be used in fixed wireless terminals or in combination with another access technology. Choose M700 and strengthen your technology position in the LTE market.



M700 HIGHLIGHTS

Next generation access technology – LTE

- 100 Mbp/s downlink, 50 Mbp/s uplink enabling e.g. HD Video streaming
- Low latency suitable for online gaming and other real time services
- LTE quad band for global coverage

Platform flexibility

- Flexible frequency band support and all bandwidths (1.4 up to 20 MHz) supported
- Prepared for combinations with other platforms for multimode devices
- Software defined access enabling flexibility for standardization updates

Optimized modem solution

- Modem optimized baseband
- Single-chip RF ASIC with MIMO support
- Complete and pre-tested data reference design

PLATFORM CONFIGURATION

The platform is suitable in modem devices and Smartphones. M700 gives our customers maximum opportunity to develop products in diverse segments.

M700 KEY FEATURES

Access

- Cellular access
 - 3GPP rel 8
 - LTE FDD
 - LTE UE Class 3 (100 Mbp/s Downlink , 50 Mbp/s Uplink)
 - LTE quad band support
 - Support for bandwidth 1.4, 3, 5, 10, 15, 20 MHz
 - MIMO and Rx diversity
- Connectivity
 - USB 2.0 High Speed
 - USB Ethernet for data access
- Positioning
 - Support for external A-GPS

Device management

- Firmware upgrade over USB

Security

- Core platform security – SIMLock, Secure boot, IMEI protection

M700 HARDWARE

- Digital Baseband: DB7000
- Analog Baseband: AB5000
- Radio Transceiver: RF7000

LET'S CREATE IT

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