

Intel® XMM™ 7120M

LTE modem for M2M/IoT applications



Power-efficient solution for M2M devices

Intel® XMM™ 7120M multi-mode modem supports machine-type communications (MTC) features and Category 1 speeds up to 10 Mbps downlink for both low-and high-speed IoT applications. It is ideal for machine-to-machine applications with variable bandwidth demands, such as connected industrial equipment, telemetry (smart meters), security cameras, asset tracking, point of sale and industrial automation.

With its space-saving features, including stacked NAND & DRAM memory, XMM™ 7120M provides OEMs a low-complexity PCB design for integration in small form factor devices.

Product Features



**Multi-mode radio
for broad IoT
applicability**

- LTE FDD Cat. 1 slim modem with optional 3G and/or 2G fallback
- Peak data rates of 10 Mbps DL and 5 Mbps UL
- VoLTE solution with CSFB and SRVCC for seamless interaction with existing network voice solutions



**Optimized for size,
power and cost-
sensitive
applications**

- Stacked NAND / DRAM memory together with the baseband chip for small PCB size
- Efficient design enables new form factors for 4G modules
- Reduced PCB complexity and BOM for cost-sensitive devices
- Low power consumption for longer active and standby times

Intel® XMM™ 7120M Technical Specifications

Baseband	Intel® X-GOLD™ 712M
Transceiver	Intel® SMARTi™ 4G
Standards & Performance	3GPP Release 9 LTE Cat 1 FDD with MTC features 10Mbps downlink and 5Mbps uplink simultaneous Optional 2G + 3G fallback
RF Bands	SKUs with up to 5 Bands Many Regional SKUs supported Cost and size optimized LTE Dual-band
Power Management	Direct-to-battery power

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